

19980608.qrp v01_n116.qrs.980608

Date: Mon, 8 Jun 1998 19:03:18 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1116

QRP-L Digest 1116

Topics covered in this issue include:

- 1) [12550] I QRPed, now the BILL collector is here
by jdenison@morelr.com (JOEL DENISON)
- 2) [12551] manuals
by Jerry ODell <jwodell@mpdr0.detroit.mi.ameritech.net>
- 3) [12552] Re: QSL.NET etc.
by Patrick Cook <pcook@milehigh.net>
- 4) [12553] Resistors
by Lisa Osier <osier@northnet.org>
- 5) [12554] SG-2020 agn-ON NOW: ~7.045 / ~7.018
by Ed Tanton <n4xy@att.net>
- 6) [12555] re: A LITTLE FUNNY COMMUNICATIONS TRIVIA
by mpupeza@csolve.net (Michael Pupeza)
- 7) [12556] FS: Oak Hill QRP 20 xcvr \$100
by Mark <cwdx@erols.com>
- 8) [12557] Not QRP: VSS, what happen?
by sigcom@juno.com (Stephen M Smith)
- 9) [12558] TECH AMERICA
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 10) [12559] Wonderful meeting of the Living Dead
by Ward Hill <w_hill@ns.net>
- 11) [12560] Re: TECH AMERICA
by Ed Tanton <n4xy@att.net>
- 12) [12561] RIP: Maryland Radio Center
by mike czuhajewski <wa8mcq@abs.net>
- 13) [12562] FOOPOP
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
- 14) [12563]
by "Larry E. Himes, Jr." <larry@skyyenet.net>
- 15) [12564] Back from HamCom!
by Paul Harden <pharden@aoc.nrao.edu>
- 16) [12565] Elmer 101: Qs on Part 6
by PGSPersEng@aol.com
- 17) [12566] NorCal Zombie badges
by Paul Harden <pharden@aoc.nrao.edu>
- 18) [12567] Altoids boxes
by K4AHK@ix.netcom.com
- 19) [12568] Tweaking the SIERRA for more power, some experiments

- by "Peter Zenker DL2FI" <Peter_DL2FI@csi.com>
- 20) [12569] N1IRZ and Koch
by "Brian Jones" <brian_jones@uk.ibm.com>
- 21) [12570] QRP dinner in Laurel, MD, suburb of Baltimore
by mike czuhajewski <wa8mcq@abs.net>
- 22) [12571] Central Indiana QRP Club
by Jim Osburn <wd9eyb@butler.indiana.net>
- 23) [12572] QRP++ comments
by "Kelly Ellison" <kelman@dialnet.net>
- 24) [12573] CW practice
by Scott Howell <showell@hq.nasa.gov>
- 25) [12574] FW: TenTec 1320, 20m version: 2nd call
by Lauri_Frank_J@bns.att.com
- 26) [12575] Re: New high capacity Duracell alkalines
by "Paul R. Valko" <prvalko@oakland.edu>
- 27) [12576] Re: New high capacity Duracell alkalines
by "Vincent Ferme" <vferme@sprint.ca>
- 28) [12577] FS: I know I'm gonna hate myself.
by Tom Moll <tomm@xata.com>
- 29) [12578] Re: QRP from alkaline batteries?
by Zack Lau <zlau@arrl.org>
- 30) [12579] SST mods?
by tom whalen <whalen@swcp.com>
- 31) [12580] SST30 question
by aa5yx@juno.com (John Harper AA5YX/2)
- 32) [12581] Re: Dallas HamCom scene
by Mike - W0TMW <crucis@sky.net>
- 33) [12582] Picture of NorCal Zombie badge on our web page.
by "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>
- 34) [12583] FS: MFJ 934 Tuner w/ artificial ground
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
- 35) [12584] RE: 6 Pack Info and availability
by Sam Billingsley <SBillingsley@usaninc.com>
- 36) [12585] BC STATION ON 14061
by Stefan Bauer <bauer@student.uni-kassel.de>
- 37) [12586] Antenna Launcher Story....
by AA2Q0@aol.com
- 38) [12587] TNX ON TECH AMER BATTERY
by ARDUJENSKI@aol.com
- 39) [12588] Re: NORCAL ZOMBIE Badges!
by Ed Loranger <we6w@qsl.net>
- 40) [12589] BATTERY SIZING QUESTION
by ARDUJENSKI@aol.com
- 41) [12590] HB Contest
by adams@chuck.dallas.sgi.com (Chuck Adams)
- 42) [12591] Re: Antenna Launcher Story....
by Chris Cartwright <ccart@dns.vidtel.com>
- 43) [12592] Re: Antenna Launcher Story....

by Roger Hightower <n7kt@earthlink.net>
44) [12593] Re: The Quick Brown Fox etc
by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
45) [12594] HamCom 98, WoW!!
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
46) [12595] Re: Altoids boxes
by Ed Loranger <we6w@qsl.net>
47) [12596] Mobile whips
by "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>
48) [12597] RE: New high capacity Duracell alkalines
by cy r currier <crc3@telplus.net>
49) [12598] Re: The Quick Brown Fox ...
by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
50) [12599] QBF tapes
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
51) [12600] Re: Antenna Launcher Story....
by Michael Maiorana <mikemo@ibm.net>
52) [12601] New 9850 DDS VFO kit
by Steven Weber <kd1jv@moose.ncia.net>
53) [12602] Re: TNX ON TECH AMER BATTERY
by W7LS <w7ls@blarg.net>
54) [12603] Re: New high capacity Duracell alkalines
by KC5TJA <kc5tja@topaz.axisinternet.com>
55) [12604] Tech America
by "Bryan Turner" <turnerw@email.uah.edu>
56) [12605] NorCal's June Meeting Report is up!
by Jerry Parker <jparker@fix.net>
57) [12606] Re: Emtech ZM-2
by Kent Torell <torell@sicom.com>
58) [12607] Thanks
by "Don McKechnie" <donmck@erinet.com>
59) [12608] K8FF Paddles/Chrome Base trade in option.
by Ed Loranger <we6w@qsl.net>
60) [12609] Tektronix 465 source
by "Dennis Payton" <dpayton@fwi.com>
61) [12610] RE: A LITTLE COMMUNICATION TRIVIA
by Mel Evans <MelEvansGM6JAG@compuserve.com>
62) [12611] RE: SST mods?
by cy r currier <crc3@telplus.net>
63) [12612] QBF author... ?
by Conrad <radman@best.com>
64) [12613] Re: TNX ON TECH AMER BATTERY
by Scott Howell <whowell@hq.nasa.gov>
65) [12614] Ni cad memory
by ac5ez@webtv.net (Larry B)
66) [12615] Re: TNX ON TECH AMER BATTERY
by W7LS <w7ls@blarg.net>
67) [12616] Re: TNX ON TECH AMER BATTERY

- by AA2Q0@aol.com
- 68) [12617] A Technical Question
by Ed Manuel <n5em@flash.net>
- 69) [12618] Field Day Dup sheets/log
by Mike - W0TMW <crucis@sky.net>
- 70) [12619] Re: Ni cad memory
by Bruce Rattray <rattray@gpfn.sk.ca>
- 71) [12620] Re: Field Day Dup sheets/log
by Ed Loranger <we6w@qsl.net>
- 72) [12621] Re: Like Zombies & like small children or something?
by nilsbull@juno.com (Nils R Young)
- 73) [12622] Re: TNX ON TECH AMER BATTERY
by Steven Weber <kd1jv@moose.ncia.net>
- 74) [12623] Re: Field Day Dup sheets/log
by "Tim, KD5CKP" <kd5ckp@bellsouth.net>
- 75) [12624] Re: Like Zombies & like small children or something?
by Mike Martin <mmartin@netins.net>
- 76) [12625] not exactly QRP but.....
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 77) [12626] RE: Antenna Launcher Story....
by cy r currier <crc3@telplus.net>
- 78) [12627] Re: not exactly QRP but.....
by Roger Hightower <n7kt@earthlink.net>
- 79) [12628] Solar Summary: May 98
by Paul Harden <pharden@aoc.nrao.edu>

Date: Sun, 7 Jun 1998 18:34:35 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [12550] I QRPed, now the BILL collector is here
Message-ID: <199806072334.SAA10188@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

High Gang:

Thank you and yes I have been properly consoled with an over abundant supply of sympathy... which prompts this qrp subject posting...

Feeling a sense of "distance" and wanting to be "in there" with the rest of the qrp1 gang... I found the ends of my antenna rope and stretched the antenna out... Up... say 50ft on one side and -10ft on the other (don't ask)...

Somewhere along the way I must have exerted more than my ten pounds of effort (max allowed) and after coming inside and making a fb qrp qso into ny... I got this pain... (on a 1 to 10 scale.... about twenty) in my left shoulder... My nurse suggested that I probably exercised more at home than at the hospital so I was expected to live... not good news at this time...

It's been an hour now and I do believe the pain is leaving... boy if I could just get that energy into my antenna... :-

Anyhow, Maine qrp is back on the air with a 45 degree slanting two element wire / rope yagi... again the height of the ends are about fifty feet and minus ten (no I won't explain :-)

Ps when the tree fell on the house and antenna it also took out the septic tank... all three are dealing with real life drama, once again... :-)

However I am hurting too much to stay on the air so... look for maine qrp tomorrow on forty
God Bless
suffering joel, in maine, north of dixie but in the qrp line up again...

God Bless
Joel

| | |
|---------------------|---|
| WA5CVM | Gentlemen don't Cry, They QSY :-) |
| Joel Denison | Gentle Lady (RC Sail Plane)(049 engine - start) |
| PO BOX 542 | 2 element yagi on 40mtr |
| Strong, Maine 04983 | QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765 |
| jdenison@morelr.com | AK/QRP 109 |

Date: Sat, 06 Jun 1998 19:36:51 -0700
From: Jerry ODell <jwodell@mpdr0.detroit.mi.ameritech.net>
To: qrp-l@Lehigh.EDU
Subject: [12551] manuals
Message-ID: <3579FCC3.F0576E6F@mailhost.det.ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for all the help on the Century 21 manual. It appears that ten tec, of all people, is the primary source.

Must have gotten 20 replies. Thanks to all

73 jerry w8gnd

Date: Sun, 07 Jun 1998 18:17:23 +0000
From: Patrick Cook <pcook@milehigh.net>
To: kd5ckp@bellsouth.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [12552] Re: QSL.NET etc.

Message-ID: <19980608001959806.AAA201@packard-bell>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Tim & Everyone:

At 09:28 AM 6/7/98 -0500, Tim, KD5CKP wrote:
>Yep, something is definately wrong.

I was able to bring up the QSL Net Home Page as of 0013 UTC.....

72/73's for now my friends!!! :-)

Patrick Cook, KB00XD
CQC #215
pcook@milehigh.net
Denver, Colorado

Date: Sun, 07 Jun 1998 07:52:05 -0700
From: Lisa Osier <osier@northnet.org>
To: qrp-l@Lehigh.EDU
Cc: osier@northnet.org
Subject: [12553] Resistors
Message-ID: <357AA915.21C1@northnet.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang!!

Im looking for info on where I can locate a parts company
that sells (2w or more) carbon resistors. Im looking to build attenuators
for MW and microwatt work. Any help would be great!!!

73/72s es Tnx!
George Osier N2JNZ

Date: Sun, 07 Jun 1998 21:20:10 -0400
From: Ed Tanton <n4xy@att.net>

First - (And I'm the winner on this one - so far) THERE WERE NO NON-CAPITAL LETTERS!!!!

There were only 32 combinations of Baudot code - so there was the alphabet (26) plus Carriage Return, Line feed, Letters, Figures, Space and Blank. In Figures, there were several choices of Standards, of which the USA was one. That then gave the numbers, some 'punctuation', such as /, ? ,, etc. and the Numbers 0-9, AND, of course, the BELL (Ding - ding)! for alerting you.

So there you have another moment of trivia! And these systems ran at a usual 66 baud, with a 1 unit space start bit, 5 units of mark-space code, and 1.4 units of mark stop bit. Boy, those machines really moved, and that mechanical selector magnet really buzzed!

Old fogey? Not me!

PS : RYRYRYRYRYR was used because it was a continual inversion of the Baudot code, excepting the wierd stop bit spacing! That is it was space mark inversion, and was a GOOD test for the 'dynamic range' of the selector magnet - you rotated the magnet in both directions until you got 'junk', and then set it for the nominal middle. This was called the 'range' of the machine. We are talking about the model 14, 15, and 28 series from Teletype Corporation (R). Those were the 5 level machines that used Baudot. The 33, 35, 37, 40 series came later, and used ASCII! Another story, and NOT RELATED to 'THE QUICK BROWN FOX'!

72, 73

Michael Pupeza VE3EQP
283 Peek-a-Boo Trail RR# 2
Penetanguishene, Ont.
Canada L9M 1R2

mpupeza@csolve.net
(705) 549-3220

Date: Sun, 07 Jun 1998 21:53:30 -0400
From: Mark <cwdx@erols.com>
To: qrp-1@Lehigh.EDU
Subject: [12556] FS: Oak Hill QRP 20 xcvr \$100

Message-ID: <3.0.1.32.19980607215330.006de534@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Selling my little Oak Hills Research OHR ORP 20 cw transceiver.
Works good and looks good.
Specs:

14.0 - 14.1 mhz
semi break-in
2-3 watts out
7 ICs, 14 transistors, 13 diodes.

single conversion superhet
4 pole xtal ladder filter
RIT

\$100 includes shipping in lower 48.
73,
Mark

Date: Sun, 07 Jun 1998 23:01:59 EDT
From: sigcom@juno.com (Stephen M Smith)
To: qrp-l@Lehigh.EDU
Subject: [12557] Not QRP: VSS, what happen?
Message-ID: <19980607.200047.8159.1.sigcom@juno.com>

Group,

Anyone know where the Vintage Solid State mail list went to, or did it die?

Ob QRP: Wish I could have made it up to Livermore for the NorCal mtg. to get my badge.....rats.

73.....Steve, WB6TNL Oxnard, CA QRP-L # 621 NorCal Zombie # 2065
SCQS # 41

ex-WN6TNL (1967)

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 07 Jun 1998 23:20:45 -0400
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [12558] TECH AMERICA
Message-ID: <357B588C.F3219285@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone familiar with the tech America retail operation outside of Atlanta>

Is it worth visiting?

Close-outs that don't appear in the catalog?

Tnx

Henry

Date: Sun, 7 Jun 1998 20:29:07 -0800
From: Ward Hill <w_hill@ns.net>
To: qrp-1@Lehigh.EDU
Subject: [12559] Wonderful meeting of the Living Dead
Message-ID: <103130301b1a118622e0f@[207.159.15.148]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi guys,

I really had a good time today with all you other Zombies. Eric's new rig, the K2, really knocked my socks off. The NC-20 is simply sweet. What can I say? Vern now has one 33' long. Another wonderful way to spend a Sunday.

72,

Ward Hill, WA6FUH
Engineer at KQVR, Channel 13 (CBS), Sacramento, CA
<http://www.kovr.com>
Life Member ARRL NorCal Zombie #2660 10-10 #27139

QRP-L #1117 AK/QRP #249 QRP ARCI # 9686
w_hill@ns.net
WA6FUH@KM6PX.#NCA.CA.USA.NOAM

Date: Sun, 07 Jun 1998 23:47:06 -0400
From: Ed Tanton <n4xy@att.net>
To: henryf@quartz.gly.fsu.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [12560] Re: TECH AMERICA
Message-ID: <3.0.5.32.19980607234706.00b79700@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ABSOLUTELY!!! Great stuff, incredible book quantity, lotsa parts, and hams here and there, plus ham stuff/some rigs/etc.

Never have seen any closeouts-but I live in Marietta, so my visits aren't THAT frequent.

At 11:20 PM 6/7/98 -0400, Henry Freedenberg wrote:
>Anyone familiar with the tech America retail operation outside of
>Atlanta>
>
>Is it worth visiting?
>
>Close-outs that don't appear in the catalog?
>
>Tnx
>
>Henry
>
>
>
73

Ed Tanton N4XY EMAIL: n4xy@att.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

INTERESTS: QRP BoatAnchors Test Equipment Photography
CW: 99.9% Mercury Paddle # 0214 QRP to 150W: 95%
~~~~~

"Think you can, think you can't: either way you're right!"

Henry Ford

-----  
Date: Mon, 08 Jun 1998 01:23:56 -0400  
From: mike czuhajewski <wa8mcq@abs.net>  
To: QRP forum <qrp-l@Lehigh.EDU>  
Cc: Danny Gingell <k3tks@abs.net>, Bruce Musolino <w6toy@erols.com>, Scott Rosenfeld <ham@w3eax.umd.edu>, Chris Cartwright <ccart@dns.vidtel.com>, Craig Sterling <cjsterl@ix.netcom.com>, Rich Bachmann <bachmann@ari.net>, Walt Thomas <walter.thomas@gsfc.nasa.gov>, Scott Bauer <ke3nv@erols.com>,  
Subject: [12561] RIP: Maryland Radio Center  
Message-ID: <357B756C.7D69@abs.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I stopped by Maryland Radio Center in Laurel, MD on Saturday and learned that it was closing permanently. It wasn't a total surprise--the subtle signs of it's eventual demise had been evident for some time--but it was still sad to see the sign on the door.

MRC had been in business since 1986 or so, and had been a de facto home to the Maryland Milliwatts for years. We held a number of our QRP Show and Tells there, in the ham radio library room, amid the hundreds of copies of old CQs, 73s, QSTs, Ham Radios, etc. Just around the corner from the library room was the famed MRC Public Junk Box, a corner where old electronic junk was piled high. The owner, WA3WZF, Jerry Johnson, had the idea that if the wife tells you to clear out the basement the things should go somewhere where someone else could paw over them and give them a new home instead of going into the trash. As the sign over the pile said, "One man's trash is another man's treasure."

It was at MRC where I saw my first copy of The Joy of QRP by Ade Weiss, on the book shelf, back in 1986. (It turned out that K3TKS had put them there, on behalf of Ade.) It was at MRC where I picked up hundreds of pounds of old electronic goodies, eventually bringing well over half of it back to the Public Junk Box after I got tired of looking at it in my house :-). But for a while at least, I possessed it, and as us men know, mere possession is an end unto itself. Of COURSE I never used the stuff, but I possessed it! The wives never understand :-)

MRC was also one of the few rare places in the entire country that had copies of the QRP Quarterly sitting on the magazine racks along with QST, CQ, 73, etc. While not a QRP'er himself, Jerry was always friendly

toward them. Hey, after all, QRPers spend money in ham stores too :-)

I also worked part time in the service shop for 7 years between 1987 and 1994, fixing hundred of broken rigs. Yes, including a large number of linear amps! And I made sure they put out the most power they could. Guess that makes me an unprincipled and soulless mercenary, but at least I did a little bit of good--one of the linear owners is now a QRP-L subscriber. I also had quite a few QRP rigs pass through there, but those were mostly done as pro bono work, a labor of love, when I was "off the clock." I got to meet a huge portion of the local ham population, which is quite large--we are, after all, in the middle of a major metro region. And we also had a number of out of town QRPers pass thru and say hello.

Along came 1996 and lease expiration time, and the landlord of the building wanted lots more than Jerry was willing to pay--hardly a new and unique situation, since they only get a chance to raise the rent every 5 or ten years. Jerry declined to rent a fork lift to carry the huge pile of money they wanted for renewal, opting instead to move into an unused portion of a small building which his wife had purchased a couple years earlier for her own business. Paying a mortgage is usually more attractive than paying rent, and his wife was already paying the mortgage anyhow. Seemed like a bit of a no-brainer to move.

Unfortunately, the new place was considerably smaller, which didn't help things much. The ham radio library was donated to a local club, and there was no space for a public junk box, two things which really made the old MRC unique. But I think what ultimately led to the demise of MRC were the usual market factors that lead to the closure of so many "Mom 'n Pop" stores of so many different types.

Even with the loss of those two things, the downsized MRC still served as a meeting place for QRPers on Saturdays, and we even had a QRP Show and Tell or two out in the parking lot in good weather.

The closure of MRC leaves the Washington/Baltimore area poorly served by ham stores. We still have an HRO down in northern VA somewhere, but even EEB in Vienna, VA (just west of the Washington beltway) closed earlier this year. Now it's HRO down in Woodbridge VA, or another HRO up in Delaware somewhere, a couple hours away. But they'll never be a replacement for MRC. It was a unique place for QRPers, and we enjoyed it greatly over the years. "Real men don't cry"--but if a QRPer wanted to make an exception to the rule, this would be a good reason to shed a tear.

I know this doesn't affect most of the readership of QRP-L, but it will be good for some to know. A number of people would visit MRC when they passed through the area, and many more live within an hour or two of

driving time. I'm sure they'd rather hear about the closing on QRP-L than drive a couple of hours one way to find out the hard way.

--

73 and Queue Our Pea de WA8MCQ      wa8mcq@abs.net

-----  
Date: Mon, 08 Jun 1998 05:26:49 -0700  
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>  
To: QRP-L@Lehigh.EDU  
Subject: [12562] F00POP  
Message-ID: <357BD889.28F9@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

F00POP is on 14193 kHz QSO 14200 to 14205 kHz. This group was reported on this list as being interested in working QRPers, but is generally reported as being primarily interested in RTTY and European QSOs. The F00POP call is being used from Rurutu Island in the Austral group, which is expected to become a new DXCC entity. I did manage to work him on 20m ssb with 5W and a 3 el yagi, but I was lucky to sneak my call into a open slot in the pile. They arrived two hours ago (now 0520z Monday UTC). Tomorrow they will start RTTY operations when they have more antennas up. The operator also mentioned possible cw operations later tonight. They are currently using a wire antenna. QSL via K80U. Good hunting.

73, Harvey, N6MM.

-----  
Date: Mon, 8 Jun 1998 00:31:22 -0500  
From: "Larry E. Himes, Jr." <larry@skyyenet.net>  
To: <qrp-l@Lehigh.EDU>  
Message-ID: <199806080531.AAA03438@skye1.skyyenet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hello,

Please cancel my subscription.

Larry

-----  
Date: Sun, 7 Jun 1998 23:56:20 -0600 (MDT)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [12564] Back from HamCom!  
Message-ID: <Pine.SOL.3.91.980607233237.117G-100000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
Just returned from HamCom in Dallas a bit ago, and now mulling through  
300+ emails :-(

It was my first time in Dallas and a great event. It is ALWAYS neat  
meeting QRPers you have worked in the contests or our QRP-L friends  
for the first time. Bunch of great guys. I should have taken a pad to  
jot down everyone's name, because I've forgotten half of their names  
and calls already -hi. Some good QRP talks from how to use the ARRL  
Radio Designer to Martin Jue himself with a nice show and tell of some  
of the MFJ goodies and an insight on some pending future products.  
Chuck's trial run of the CW contest was fun. I would say the majority  
of the room did quite well to 25wpm, and a surprising number at 35.  
One QSO ended with "BCN YOU" (be seeing you) to throw the crowd at  
I think 30wpm, and darn if several guys didn't inform Chuck he made a  
typo, as the cw really said "BNC YOU." Yup, CW is dead!

HamCom is no Dayton (thank goodness), but of fairly good size, plenty  
of manufacturers, gobs of tables, tailgaters, etc. I was particularly  
impressed with the quality and reasonable prices on most everything.  
Very little computer crap, gobs of good old ham radio crap. No \$50  
HW-9's though :-( Darned if K5FO didn't find another Brown Brothers key  
for \$20 though. How does he do that?

By the way ... the famous "6 Flags over Texas" amusement park is a stones  
throw from HamCom. So if you've never been to HamCom, bring your  
families next year, drop them off to ride those gut-wrenching roller  
coasters with the cork screw turns and 5-G free falls while you attend  
the hamfest. And from all reports I heard, it appears that all area  
motels had running hot water, showers, air conditioning and most had a  
free continental breakfast/coffee bar in the lobby.

It was a pleasure meeting all the NorTex guys and other attending QRPers.  
Thanks for your hospitality ... it was great and well appreciated.

72, Paul NA5N

-----  
Date: Mon, 8 Jun 1998 02:27:27 EDT  
From: PGSPersEng@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [12565] Elmer 101: Qs on Part 6  
Message-ID: <462cd5d7.357b8450@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Hi gang,

I've been looking over and playing with the latest installment (RF buffer/driver) and have a few questions for our online sages...

1. The design consists of a 3-transistor output stage (Q4, Q5 and Q6). Why is it necessary to have three stages? Wouldn't just two suffice -- one to buffer the mixer output/filter, in turn driving the PA transistor (here, Q6)?
2. I think I understand the purpose of T4 (improving gain on a Class A amp?), but I sure would appreciate it if somebody could walk me through the process of determining how many turns on what kind of core are needed -- and \*why\*.

Thanks  
Paul, AA1MI

-----  
Date: Mon, 8 Jun 1998 00:37:13 -0600 (MDT)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [12566] NorCal Zombie badges  
Message-ID: <Pine.SOL.3.91.980607235709.117H-100000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

The trial run of the NorCal Zombie badges was at HamCom. Had I known they'd be so popular, I would have done a better job with them. It was a yellow card with "NorCal Zombie" with a skull and crossbones mounted in one of the plastic "convention" type name holders. Every QRPer wore them both days. Numerous NON-QRPers approached us inquiring into their significance, which turned into a neat opportunity to share the



enthusiasm we have for QRP. We were even approached several times by people in the restaurants we frequented ... now that was a bit harder to explain!

I have about 40 private emails from QRP-Lers wanting to know how to get one. So here's the deal ...

I'll be making up another batch shortly to be more durable. These will be printed on a pumpkin orange card and I'll laminate them with a pocket clip (typical "ID badge" style) and will take them to Ft. Tuthill and PacifiCon. I will also make them available to QRP-Lers for an SASE. But please, DO NOT order at this time. Read the prospectus carefully before you invest or send money. This is only notification of the initial public offering (IPO) and will let you know when they are ready.

In doing this, I want to make a couple of things very clear.

- #1 This is not an official NorCal sponsored thing. I am doing this at my expense (not NorCal funds) just for the fun of it and to promote the hobby. Of course Doug Hendricks has no objections to making them.
- #2 The term "NorCal Zombie" came about as a result of an individual who was expressing his opinion on the NC20 and NorCal members in general. I found the slogan NorCal Zombie to be cute and mad about it ONLY because I didn't think of it first! I am making these things because they are obviously cute to others, particularly by NorCal members (although not a requirement to get one) ... BUT IT IS NOT intended in anyway to personally insult this individual or perpetuate any bad feelings.

In fact, on this next run, I may print "NorCal Zombie" on one side and "QRP Zombie" on the other, so you can display the flavor you wish. But we did find at HamCom, the Zombie badges made it unmistakable in indentifying who the QRPers were!

72, Paul NA5N

-----  
Date: Mon, 08 Jun 1998 05:52:56 -0400  
From: K4AHK@ix.netcom.com  
To: qrp-l mail <qrp-l@Lehigh.EDU>  
Subject: [12567] Altoids boxes  
Message-ID: <357BB472.6384@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The XYL of a friend who saw a picture of a rig built in an Altoids box has been saving empty boxes for me. Yesterday, I was presented 70 (yes, seventy) of the small Altoids tins.

Now What ? ! ?

Bill - K4AHK

-----  
Date: Mon, 8 Jun 1998 11:53:04 +0200  
From: "Peter Zenker DL2FI" <Peter\_DL2FI@csi.com>  
To: "'Internet Liste via PoP3'" <qrp-1@Lehigh.EDU>  
Subject: [12568] Tweaking the SIERRA for more power, some experiments  
Message-ID: <000c01bd92c3\$6ddb2b80\$16d374a7@ZENKERPN.perkin-elmer.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

Oh boys, i couldn t imagine, that I produce such an echo by my posting about my experiance with my SIERRA tweaking. In German they say: I stick my fingers into a wasp nest. I hope I sent answers by private mail to all the OPs who had questions, but I think some facts are of common interest, so I post them here on the list. Discussion is very welcome.

Disclaimer:

I honest believe that all postings in the past about tweaking the power of the SIERRA have shown the best and honourable results of honest OMs. I never would blame this people, but I believe, some of them have been fooled by their instruments. On the other hand my english may lead to some misunderstandings. If so, please translate what I write to make it a friendly reading.

As Wayne, N6KR wrote in an older posting, all the calculations for the SIERRA have been beased on 3 Watt. Impedances at 12Volt are much mure worse to handle then at 350Volt or more using tubes e.g. the influence of line-lenght and internal capacitance is extreme. If one changes only a transistor without recalculating all networks, this may lead to uncontrallable conditions.

At first some experiments with the SIERRA as it is:

Until now I built 8 plugins. As I usual do it when I test kits for the FUNKAMATEUR Radio Magazin, I built each of them exactly as described in the manual, even I my own experiance says the manual is wrong. In the SIERRA manual I didn t find such faults. The rig was aligned as requested in the

manual at first by the very simplest method, using an RF Voltage Meter and a power meter. I found the expected power for 5 of the plugins, the 7MHz, the 21 MHz had only 1 Watt out and 28MHz showed zero power.

When I investigated the plugins, I found that at the 7MHz and the 21 MHz plug ins one of the toroids where more then 20% out of range although they had the correct windings on it. As a result I could see, that the variable capacitors where not near the midrange but both at myximum capacity. I tried both: changing the windings and adding a capacitor both with the same good result: slightly more then 2 Watts output on the first try.

investigating the 28 MHz module I found, that all toroids have been in range, but the Wattmeter showed still zero power. Because the manual says that it is difficult to align the 28MHz Modul, I did some extra careful fiddling and whow, 3.5 Watt!!! on a +- some micrometer setting of the cap. This extrem seemed very suspicious to me, so I decided to check all Modules with an Spectrum Analyzer. All the Modules showed excellent values of spurious and harmonic supression except the 28MHz Module which showed much more spurious then 28 MHz signal.

After this I tried to mistune all the modules (using the analyzer) and belive it or not, most of the modules could be tuned to power levels as high as 4 to 5 Watt. To be fair I would like to point out, that you must ignore all what Wayne says in his manual to have this result. I strictly tuned stage by stage to have as much spurious as possible.

One of the suggestions to get more power was to change the J309 against J310 FET because the J310 does more gain. Because my SIERRA still was equipped with a J310, I changed id against the bad one, the J309. The result in fact was a visible decreasing of power depending on frequency. The higher the frequency, the more the power decreased.

After that I did in steps most of the other mods e.g. changing the ceramic capacitors against mica, changing the end transformer and so on. The result was everytime the same: By carefully adjusting to best surpression of spurious and harmonics I got nearly the same power then I had with the original SIERRA design. The only way to have significant more power was to reduce the spectral purity of the signal. This was true for all mods except that J310 Mod, which seem to be a standard in newer SIERRA kits.

I am pretty sure, that some of the mods published here on QRP-L have been fooled by measuring power only. It is not so easy modifying a very well designed rig using simple test equipment only. As Wayne wrote, the SIERRA Power Amplifier was designed as a 3Watt above and 2Watt below 14 MHz Amplifier to be simple, inexpensive and low current, it is hard to tweak it to a high power PA without running into problems. Those who want to have 5 Watt for all band or more have to design / add a complete other power amplifier.

One way to go is to implement the very new constructed Mini Amplifier of the DL-QRP-AG, the German QRP Club. It is a very small 3\*5cm PA constructed to be screwed on the back plane of a rig. I did this change and feel very happy

with the solution having 0.1 up to 7 Watt with extreme good spectral purity now for my SIERRA.

A detailed description of the PA will be available in english language soon and because the publishers of QRPp and QRP Quarterly asked both for an article, I think every interested QRPer will find it in his most beloved magazin. For hard boiled homebrewers the layout will be included, only problem seem to me the two double whole transformers which use a special material and I don't know if this available in US. But there will be a complete kit as well.

To not become overloaded, the PA will be not kitted and sold by the DL-QRP-AG but by the German Amateur Radio Magazin FUNKAMATEUR. The FUNKAMATEUR gang is just designing the english language web page and an USD based Ham Shop as well. The price of the kit will be abt 35\$ and the price of a ready built PA for those OMs who don't like SMD parts will be abt 45\$. They will start selling the kit somewhere in July as I know.

Web adress is [www.funkamateur.de](http://www.funkamateur.de)

-----  
Date: Mon, 08 Jun 1998 05:55:16 EDT  
From: "Brian Jones" <brian\_jones@uk.ibm.com>  
To: qrp-1@Lehigh.EDU  
Subject: [12569] N1IRZ and Koch  
Message-ID: <199806080955.FAA49542@nss4.cc.Lehigh.EDU>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

I noticed a couple of appends re Dave Finley's (N1IRZ) CW book and the fact that Dave will be one of the speakers at Fort Tuthill. Unfortunately I don't currently have any trips planned which would allow me to make Ft Tuthill but I'd really like to meet Dave. I've yet to read his book (mainly because I can't find a copy here in the UK so I guess I'll have to mail order directly - maybe if he's signing at Ft Tuthill he'll mail order me a signed copy) but his web pages introducing Koch's ideas for CW make a lot of sense.

A couple of other resources for people interested - a much more detailed description of Koch's investigations are in one of the chapters of William Pierpont's (N0HFF) wonderful CW online book. If you have any

interest in CW and it's learning then you really should check out:  
<http://www.joates.demon.co.uk/megs/N0HFF/contents.htm>

The book is also in plain text form as part of Jim Farrior's (W4F0K)  
fascinating CW learning program 'The Mill' at:  
<http://www.net-magic.net/users/w4fok/>

OK humility off for a moment - if you are interested in the Koch method  
of CW training then my own PIC based tutor is available from the QRP-L  
FTP site and directly from Jess Gypin's (N0TFI) homepage (Thanks Jess)  
<http://www.concentric.net/~Jessqrp/>. This implements a handheld CW  
trainer (probably similar in concept to the MFJ one with LCD)  
specifically designed to teach CW using the Koch method as detailed in  
Dave Finley's pages.

Certainly if you are elmering any CW newcomers then I really would advise  
looking into the Koch method. Koch was a psychologist particularly  
interested in how people acquire CW skills and his investigations are  
both fascinating and make a lot of sense. I've also found that it is  
a good way to revamp your skills - if, like me, you've let that speed  
lapse since getting your ticket (OK so I'm in a minority of 1 on a list  
like this !!!)

Brian - G0UKB / KB8YKJ

Brian Jones  
Java Technology Centre  
HURSLEY MP 146 Ext 246896 (+44 1962 816896)  
BEJONES AT WINVMD bejones@hursley.ibm.com

-----  
Date: Mon, 08 Jun 1998 08:16:37 -0400  
From: mike czuhajewski <wa8mcq@abs.net>  
To: QRP forum <qrp-l@Lehigh.EDU>  
Cc: Danny Gingell <k3tks@abs.net>, John Ward <w3oj@juno.com>, Scott Rosenfeld  
<ham@w3eax.umd.edu>, Bruce Musolino <w6toy@erols.com>,  
Rich Bachmann <bachmann@ari.net>, Scott Bauer <ke3nv@erols.com>, Craig  
Sterling <cjsterl@ix.netcom.com>, Chris Cartwright <ccart@dns.vidtel.com>,  
Subject: [12570] QRP dinner in Laurel, MD, suburb of Baltimore  
Message-ID: <357BD625.70CE@abs.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, not exactly a suburb, since it's actually halfway between there  
and Washington, DC. We're working on the final details, but so far we're

leaning toward 1900 hours on Wednesday at the Olive Garden in Laurel, on Route 1 at the intersection with Cherry Lane, right across Cherry Lane from the Laurel Mall. Not firm yet, but a good chance that will be it.

In the meantime, it turns out there will be more out-of-town QRPers coming for the IEEE MTT-S this week, N3GO and KB0HQU. Unfortunately, N3GO will just be here for a part of it and will only have Tues night free. We settled on Wed a while back since N7ZWW said he's tied up on Tues, and he gets priority since he was the first visitor to announce that he's coming :-). Actually, he told me before Dayton that he was coming. I made a counter-offer to N3GO of possibly doing a second QRP dinner on Tues as well; I can swing two nights in a row, and might be able to get a few others to come to that, too. I haven't heard back from him yet, so don't know if that second dinner will come to pass.

If anyone has any questions, comments, etc, my work numbers are 410-290-1919 (Columbia #) and 301-621-3340 (DC metro #) and home is 410-551-1633. At the work numbers, ask for Mike C or Mike Ski, or just try stumbling over my name; they've already heard just about every possible mutilation so they're used to it!

--

73 and Queue Our Pea de WA8MCQ      wa8mcq@abs.net

-----  
Date: Mon, 8 Jun 1998 07:27:04 +0500 (GMT-5)  
From: Jim Osburn <wd9eyb@butler.indiana.net>  
To: qrp-l@Lehigh.EDU, wvara@butler.indiana.net (WVARA), KB9RPD@aol.com, hartzler@abcs.com, k9ere@hotmail.com, WTHI99C@prodigy.com  
Subject: [12571] Central Indiana QRP Club  
Message-ID: <199806080227.HAA07240@butler.indiana.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

The following have said they're interested in a Central Indiana QRP Club.

From: KB9RPD <KB9RPD@aol.com> Ted KB9RPD  
From: hartzler <hartzler@abcs.com> Wayne AA9SP  
Originally From: "Gary Wheeler" <k9ere@hotmail.com> Gary, K9ERE  
From: WTHI99C@prodigy.com (MR JEFF A TUCKER) Jeff, WB9KIX

Of course I'm interested too.

We could meet some Saturday after Field Day.

Who else is interested?

Jim, WD9EYB  
wd9eyb@qrp.com

-----  
Date: Mon, 8 Jun 1998 01:00:22 -0500  
From: "Kelly Ellison" <kelman@dialnet.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [12572] QRP++ comments  
Message-ID: <199806081256.HAA12646@mail.dialnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

First of all,

Thank you to all who sent comments about the QRP++. I have had my QRP++ #1605 and Companion for several days now. Have made many contacts both on CW and SSB. I have been running it the whole time off the Companion, but am using a LDG tuner. It is a fun little rig to use, I like how the RIT works with the main tuning. The only negative comment would be that when there is a strong signal near by, it blanks out the RX if the filter is set narrow. Not bad filtering for a rig of this price range, but does anyone know of a fix for this?

Still looking for a Oak Hills WM-2 Watt meter or same and have the S&S Engineering TAC-1 for 80 meters coming back after being factory unaligned. The TAC-1 is still up for grabs. Looking for trades. I also could use a small keyer paddle for portable operation.

Have a good week.

Kelly Ellison  
WB0WQS  
Aurora, Missouri

-----  
Date: Mon, 08 Jun 1998 09:03:41 -0400  
From: Scott Howell <showell@hq.nasa.gov>  
To: qrp-l@Lehigh.EDU  
Subject: [12573] CW practice  
Message-ID: <3.0.5.32.19980608090341.0081eeb0@mail.hq.nasa.gov>  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hello all on the list.

I would like to find someone who would be willing to get on the air as time permits and help me with working my way to the 13wpm code speed. I know all the letters bla, bla and all that, but still am hearing the damned things and not words. This won't work. I have done things like use the MFJ416 while commuting etc. and that helps, I send words only to myself using the computer port on my Kenwood ts570, and of course listen listen and listen.

However, I think being forced to copy to survive is the way (ok one way) to learn. So, instead of driving some poor Ham crazy with my asking to repeat the whole transmission, why not find someone who knows what they're in for in advance. Say novice part of 40m in the evenings after 20:00 eastern time. Could keep in touch via E-mail in order to confirm what was copied. I am a FISTS member and did read something in the newsletter about a elmer deal, but thought to ask here first. I just joined FISTS back at Dayton. Tnx to any and all. Also, want to publicly thank those who offered to build the modules for my Sierra when I can afford to get them. Tax return still hasn't shown up. Going to have to investigate what is up with the mail. Seems another bit of green is floating about somewhere. Aaaahhh all good things to those who wait.<grin>

NASA Headquarters  
Human Resources Management Division  
Employee Benefits Officer  
CP/Scott Howell  
300 E Street SW  
Washington DC, 20546

phone/fax: (202) 358-1558  
E-mail: [Whowell@hq.nasa.gov](mailto:Whowell@hq.nasa.gov)

-----  
Date: Mon, 8 Jun 98 09:03:27 -0400  
From: [Lauri\\_Frank\\_J@bns.att.com](mailto:Lauri_Frank_J@bns.att.com)  
To: [grp-1@Lehigh.EDU](mailto:grp-1@Lehigh.EDU)  
Subject: [12574] FW: TenTec 1320, 20m version: 2nd call  
Message-ID: <H00001ce0099ef11@MHS>

HI,

I have been trying to deliver this message to Rafael Garcia,EA4RJ all





for <Lauri\_Frank\_J/bcs\_wpem01@wpem01.bns.att.com>; Fri, 5 Jun 1998  
16:00:40 -0400 (EDT)  
Received: from attrh3.attrh.att.com (attrh3.attrh.att.com  
[135.65.202.59]) by ptown1.bns.att.com (8.7.3/2.5) with SMTP id  
NAA16249 for <lauri\_frank\_j@bns.att.com>; Fri, 5 Jun 1998 13:02:27  
-0700 (PDT)  
Received: by attrh3.attrh.att.com (SMI-8.6/EMS-1.2 sol2)  
id PAA13046 for lauri\_frank\_j@bns.att.com; Fri, 5 Jun 1998  
15:58:31 -0400  
Received: from alms2.fw.att.com by attrh3.attrh.att.com  
(SMI-8.6/EMS-1.2 sol2)  
id PAA11848 for <flauri@att.com>; Fri, 5 Jun 1998 15:56:21 -0400  
Received: (from nuucp@localhost)  
by alms2.fw.att.com (AT&T/GW-1.0) id PAA20372  
for att.com!flauri; Fri, 5 Jun 1998 15:55:19 -0400 (EDT)  
Received: by algw1.att.com; Fri Jun 5 15:53 EDT 1998  
Received: from Lehigh.EDU ([127.0.0.1]) by fidoi.cc.Lehigh.EDU with  
SMTP id <13019-72886>; Fri, 5 Jun 1998 15:57:25 -0400  
Received: from nss4.cc.Lehigh.EDU ([128.180.1.13]) by  
fidoi.cc.Lehigh.EDU with ESMTP id <13014-50362>; Fri, 5 Jun 1998  
15:56:42 -0400  
Received: from cibeles.idr.upm.es (root@[138.4.64.5])  
by nss4.cc.Lehigh.EDU (8.8.8/8.8.5) with ESMTP id PAA08764  
for <qrp-l@Lehigh.EDU>; Fri, 5 Jun 1998 15:56:38 -0400  
Received: from tie.ea4rj.ampr.org (pvm1.idr.upm.es [138.4.65.18]) by  
cibeles.idr.upm.es (8.7.5/8.6.10) with ESMTP id VAA09172 for  
<qrp-l@Lehigh.EDU>; Fri, 5 Jun 1998 21:56:39 +0200  
Received: from ea4rj.ampr.org (rgarcia@localhost [127.0.0.1]) by  
tie.ea4rj.ampr.org (8.7.5/8.6.10) with ESMTP id VAA10940 for  
<qrp-l@Lehigh.EDU>; Fri, 5 Jun 1998 21:52:39 +0200  
Message-Id: <35784C87.733F59D9@ea4rj.ampr.org>  
Date: Fri, 05 Jun 1998 21:52:39 +0200  
Reply-To: rgarcia@tie.ea4rj.ampr.org  
Sender: owner-qrp-l@Lehigh.EDU  
Precedence: bulk  
From: Rafael Garcia <rgarcia@tie.ea4rj.ampr.org>  
Original-To: "Low Power Amateur Radio Discussion"  
<qrp-l@Lehigh.EDU>  
Subject: Re: TenTec 1320, 20m version: 2nd call  
References: <35704F2C.5F7FDFDA@ea4rj.ampr.org>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
X-Sender: rgarcia@tie.ea4rj.ampr.org  
X-To: QRP net <qrp-l@Lehigh.EDU>  
X-Mailer: Mozilla 4.05 [en] (X11; I; Linux 2.0.33 i586)  
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN  
Content-Type: text/plain; charset=us-ascii  
Apparently-To: <flauri@att.com>

-----  
Hello all,

I posted this message a few days ago, but no reply. At this point, I don't know if somebody has built the 20m version or if I missed the answer for any reason.

Still with problems at Tx side, :(

Regards,

Rafael Garcia wrote:

>  
> Hi all,  
>  
> I would like to know from others who has built this model,  
especially  
> the 20m version. I have had problems in Tx, jumping the transmit  
> frequency randomly around 50-60Hz from the main carrier.  
>  
> I solved adding an electrolytic cap (C1) in the T-R circuit which  
> should not be installed on this version, according to the addendum  
that  
> it came with the assembly manual. The Tx "jump" effect has  
disappeared,  
> but it has increased the decay when the key it is released.  
>  
> Any suggestion is welcomed  
>  
> Regards,  
>  
> --  
> Rafael Garcia, EA4RJ  
> Lab Aerodinamica, ETSIA  
> Univ. Politecnica de Madrid

-----  
Date: Mon, 8 Jun 1998 09:08:23 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: "Daniel Wee, 9V1ZV" <daniel@pandora.lugs.org.sg>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [12575] Re: New high capacity Duracell alkalines  
Message-ID: <Pine.OSF.3.95.980608090744.22016A-100000@saturn.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 7 Jun 1998, Daniel Wee, 9V1ZV wrote:

> Does anyone here have the scoop on the new alkalines announced by  
> Duracell? Anyone played with them yet? Thanks.

This???

<<http://www.duracellnpt.com/explor.d/alksumsh.html>>

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Mon, 8 Jun 1998 09:37:31 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [12576] Re: New high capacity Duracell alkalines  
Message-ID: <003f01bd92e2\$973c0840\$b91105d1@frsswilap04284.callnetcanada.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Wall-Mart in Toronto is selling 2xAA rechargeable alkaline batteries for \$0.98 CAN. I looked for other sizes but could not find them. The label says they are good for 25 to 100 charges. It's manufactured by one of the familiar brands, I think is Eveready, but don't quote me on that.

73 de Vince, VE3VFN.

-----  
Date: Mon, 8 Jun 1998 08:21:59 -0500

From: Tom Moll <tomm@xata.com>  
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>  
Subject: [12577] FS: I know I'm gonna hate myself.  
Message-ID: <01BD92B6.83CDFCE0@TOMM>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

For Sale:

Even though I know better (I should NOT part with these), the quest for =  
new and different toys dictates sale of the following items:

Item 1. ARGONAUT

Ten Tec Argonaut 509, excellent condition, with original manual and some =  
little black gizmo with a coiled cord and pushbutton on the side =  
(someone said it is a microphone - I guess it's something you TALK into =  
?) \$250, shipping included in CONUS.

Item 2. VIKING NAVIGATOR

I already hate myself, but how many boat anchors can one have? Though =  
not strictly QRP, it can be used QRP, and I know there are some old time =  
tube heads like me on this list, so I wanted to give the good guys first =  
crack at this, rather than the other lists.

Johnson Viking Navigator - I'd conservatively rate this one an 8. These =  
rigs are extremely rare these days. 80 - 10m, VFO, 6146 final (spare =  
included), 40 watts, cw only. This one still has the original meter in =  
it - most of the few Navigators left around do not have the original =  
meter - most of them went bad and were replaced. \$350 including shipping =  
in CONUS. Sorry, this rig will be sold in the US only. The guy I bought =  
it from had an offer for well over \$1000 from a foreign "investor". I =  
promised him that if I ever sold it, it would stay in the US.

First come first served !

Tom Moll, NoBS

-----  
Date: Mon, 08 Jun 1998 10:12:32 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-1@Lehigh.EDU  
Subject: [12578] Re: QRP from alkaline batteries?  
Message-ID: <357BF150.11FB@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Depends on the rig--some radios will chirp or shift frequency as the battery voltage changes, while others don't seem to notice.

The voltage regulator supplying the frequency determining circuits has the biggest effect--a 78L08 may have trouble when the battery drops down to 11 volts, while a low drop out 6 volt regulator might work fine at 8 volts. Don't forget the effect of decoupling resistors, fuses, and other protective circuitry.

--Zack W1VT

-----  
Date: Mon, 08 Jun 1998 06:45:09 -0600  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12579] SST mods?  
Message-ID: <357BDCD5.4263@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hola Fellow QRPer's

Wondering if anyone knows where any SST mods are located? Mainly interested in a RIT mod for this neat rig.

72, Tom WB5QYT

--

Enjoying QRP and QRP-L!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20

IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, ST. Louis tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

Home of the "spud gun antenna launcher"-Kite antennas- RR mobile

-----  
Date: Mon, 8 Jun 1998 10:48:33 -0400  
From: aa5yx@juno.com (John Harper AA5YX/2)  
To: qrp-l@Lehigh.EDU  
Subject: [12580] SST30 question

Message-ID: <19980608.104834.8974.0.aa5yx@juno.com>

I've just finished building and aligning my SST for 30 meters. The receiver sounds good and the rig tunes from 10.110 - 10.119 and produces a healthy output. My question concerns the tuning:

Turning R4 (tuning pot) clockwise moves the rig up in frequency but the pitch of a CW station goes down as I move up in freq. Is this normal? I don't think so! Any ideas as to what I could have done wrong that causes the receiver to be listening on the wrong side of zero beat?

I've double checked component values and placement and everything appears to be OK. Thanks,

John Harper AA5YX/2 (ex: KA5BBL, KI5OW, VQ9BL)  
TenTec Century 21, HW-9, NorCal 40A, OHR-100A/20m  
<http://home.att.net/~j..harper>

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Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Mon, 08 Jun 1998 10:02:11 -0600  
From: Mike - W0TMW <crucis@sky.net>  
To: MNHopkins@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [12581] Re: Dallas HamCom scene  
Message-ID: <357BFCF3.C81052D6@sky.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

There was some QRP rigs in the parking lot too, a Ten Tec 509, a 38Special, and a Norcal 40A. The Emtech rig appeared to be DOA. I asked the dealer to power it up and found the rig appeared to be dead---nothing at all.

The ARCI table was a real QRP magnet though. Missed getting a "Norcal Zombie" badge.

Mike - W0TMW

MNHopkins@aol.com wrote:

>

> There was a line at the QRP table this morning at the Dallas/Fort Worth HamCom  
> and most of the people would not even recognize Doug Handricks. The passers  
> by were fondling Herring Aid Five boards and fainting at Sierra prices as five  
> QRPers were kept busy answering questions. But an hour before the QRP forum,  
> which reads like a paid ad for vendors, this sad fact was noted for Roy  
> Gregson:  
>  
> A table of used equipment offered an Emtech for \$120 and a Ten-Tec for \$130.  
> Earlier a PM-3 Ten Tec went in the \$50-60 range and an Argonaut 509 with three  
> associated boxes, offered at \$275 Friday, was gone. Ramsey TXs and RXs  
> abounded in the \$20 to \$30 range with a 30M Tx bought for \$5 and an unfinished  
> Tejas Technology Backpacker I with case changed hands at \$15. Regeerative RXs  
> did not rule -- a working \$70 MFJ world receiver stayed out at \$20 asked and a  
> Ten-Tec 4 bander languished.  
>  
> 73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham  
> products and mementoes of Six Meters' Golden Age: 1957-58  
> Michael Hopkins  
> Box 226841  
> Dallas, TX 75222 MNHopkins@AOL.com

--

=====

|                                                                     |                            |
|---------------------------------------------------------------------|----------------------------|
| Mike Watson, W0TMW                                                  | QCWA Mbr # 28651, Chap. 35 |
| Raymore, MO USA                                                     | Grid: EM28st ARCI# 9647    |
| <a href="http://www.sky.net/~crucis">http://www.sky.net/~crucis</a> |                            |
| E-mail: <a href="mailto:crucis@sky.net">crucis@sky.net</a>          | ARS# 352, QRP-L# 1489      |

=====

-----

Date: Mon, 08 Jun 1998 08:10:44 -0700  
From: "Eric Swartz - WA6HHQ, EleCraft" <[erics@elecraft.com](mailto:erics@elecraft.com)>  
To: QRP-L <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [12582] Picture of NorCal Zombie badge on our web page.  
Message-ID: <357BFEF4.6DFC6BB8@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

There is a picture of the NorCal Zombie badge (given out by Dave Fifield  
at Sunday's NorCal QRP meeting) at the bottom of our web page,  
<http://www.elecraft.com> , next to the NorCal link.

72, Eric



-----  
Date: Mon, 8 Jun 1998 10:22:38 -0500  
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)  
To: qrp-1@Lehigh.EDU  
Subject: [12583] FS: MFJ 934 Tuner w/ artificial ground  
Message-ID: <00085B31.4159@ccgate.dl.nec.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Description: cc:Mail note part

Gang,

Bought at HamCom over the weekend. Brand spankin'  
new. Works well, used it most of the day  
Saturday and all day Sunday. Perfect cosmetic shape.  
Bought new from an MFJ dealer at the show for \$155.

Will sell for \$100, you pay for shipping of your choice.  
Of course, original box and manual. As a BONUS, I'll  
include a MFJ iambic paddle (silver base) for FREE! This  
paddle has been used quite a bit, but works well. The  
only trouble is that one of the adjusting screws has  
fallen out and I can't locate it! Should be an easy thing  
to replace at the local hardware store. I'm including  
this 'cuz the wife doesn't see the need for 4 paddles, and  
I'd like to see it get a good home.

Reason: decided I really don't need another tuner  
after all. (I have 2 others :-)

Let me know if you're interested and we'll work out  
the details.

73 de Dave, NR3E  
QRP-L #25  
nr Dallas, TX

-----  
Date: Mon, 8 Jun 1998 11:32:09 -0400  
From: Sam Billingsley <SBillingsley@usaninc.com>

To: donroher@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12584] RE: 6 Pack Info and availability  
Message-ID: <21E06269B00ED111BE9B00805F6D0FA3286E73@MAILSERVER1>  
MIME-Version: 1.0  
Content-Type: text/plain

> -----Original Message-----

> From: donroher@juno.com [SMTP:donroher@juno.com]  
> Sent: Friday, June 05, 1998 11:47 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: 6 Pack Info and availability

>

> I just picked up my 6-pack from Jim Stafford W4Q0 at the North Georgia  
> QRP group meeting last Saturday. I had ask Jim to bring me back a copy  
> of the FDIM proceedings and any little goodies. The 6-PACK is a super  
> concept. It looks like you could tweak the XTAL CHECKER board a little  
> and make a nice VFO that would work for the RX just by adding the  
> ind/cap in place of the XTAL then feed the output to the RX board.

>

> The 6-Pack is a great idea for those interested in doing a little  
> soldering and homebrewing and at the same time ending up with  
> something useful.

>

> Sam AE4GX

>

>

>

> >RECEIVED... NICE WAY TO MAIL YOUR KITS, I WAS IMPRESSED WITH THE FAST  
> >SERVICE AND THE PACKAGING.

>

> >THE SIX PACK IS A GREAT IDEA, VERY NICE BOARDS, WITH LOTS OF ROOM,  
> IDEAL  
> >FOR BEGINNERS. LOTS OF ROOM PREVENTS SOLDER BRIDGES....

>

> >THE LITTLE XMTR IS AN IMPRESSIVE CIRCUIT. MY GRANDSON CAN'T WAIT TO  
> START  
> PLUGGING PARTS.

> >

> >THE ONLY SUGGESTION I HAVE IS A VFO FOR THE RECEIVER.

> >

> >AND THANKS FOR THE CATALOG..... WILL YOU TAKE ORDER OVER THE  
> >NET...

>

>

> >On Sat, 30 May 1998 12:53:55 -5 "Bill Kelsey - N8ET - Kanga US"

> ><kanga@bright.net> writes:

> >I had a few requests for more info on the "6 Pack" I mentioned on the  
>  
> >list the other day. I still have a few that are not spoken for, so if  
>  
> >you want one - get me a check for \$40 or a visa/MC number ASAP...  
> >  
> >The G3RJV 6 Pack is kit packet consisting of 6 kits in the packet:  
> >1 plug and play transmitter  
> >2. the Quick receiver  
> >3. An Instant SWR meter  
> >4. A diode probe  
> >5 An LED Voltage Monitor  
> >6. A crystal Checker  
> >  
> >The 6 pack contains a PC board with 6 boards that snap off - a board  
>  
> >for each of the projects listed above. A bag of parts with the "on  
> >board" parts for each project, and 15 pages of documentation.  
> >  
> >All the projects are very simple, basic projects....  
> >  
> >The 6 Pack was described by G3 RJV at the ARCI FDIIM conference in  
> >Dayton a couple of weeks ago....  
> >  
> >73 - Bill - N8ET  
> >Kanga US  
> >kanga@mail.bright.net  
> ><http://www.bright.net/~kanga/>  
> >419-423-4604  
> >  
> >  
>  
> -----  
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> Get completely free e-mail from Juno at <http://www.juno.com>  
> Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 04 Jun 1998 20:55:11 -0700  
From: Stefan Bauer <bauer@student.uni-kassel.de>  
To: qrp-list <qrp-l@Lehigh.EDU>, dj9kr-monitor@t-online.de  
Subject: [12585] BC STATION ON 14061  
Message-ID: <35776C1F.9A136AFF@student.uni-kassel.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

CAN ANYBODY CONFIRM MY OBSERVATIONS?

Here is what I observed:

Date 04.06.98 qrg 14061 mode am/ssb qtr abt 1831 es 1840 utc  
some sort of frequency mix, made up from different singel transmissions.  
There were englisch, russian and some asian speaking people to hear.  
before that I noticed that 2 man talking like a sked in ssb on 14064.0.  
yesterday some italian intruders occupied the 14.100. no beacons  
anymore.

is anybody watchin out, too?

-- steve

=====

AX25: dl1fdf@db0vfk.#hes.deu.eu | dl-qrp-ag GM |g-qrp 8769 |qrpl 252  
|ARS  
e-mail: bauer@student.uni-kassel.de | 72 de steve DL1FDF -- DL/VY1QRP

=====

-----

Date: Mon, 8 Jun 1998 11:39:41 EDT  
From: AA2Q0@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [12586] Antenna Launcher Story....  
Message-ID: <9a9a4e9c.357c05bf@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

The Incredible Edible Antenna Launcher:

Well, I stopped by the ARS Sojourner site, and did some browsing. Came across the article describing the construction of a wrist rocket antenna launcher. What a coincidence, I was working on something similar in my bat cave (a name I have affectionately attributed to my shack. It comes complete with a faux wall that covers the door via velcro fasteners.) But I digress.

I check out the pic s from the Sojourner, and decide to bite the bullet and spend the 2 bucks to get a nice spinning reel. In true QRP fashion, I ve been trying to make a piece of junk

work like a top shelf item,  
and I m tired of playing with the old reel my father donated to my cause.

There s a neat QRP bi-law though that I take the opportunity to invoke. It s the law of duplicity. Basically, I can buy the new reel, because with the new reel comes a new rod that will allow my wife to go fishing with me on backpacking trips and at the lakes around where I live. And oh, mumble mumble I m going to use it to toss wire into trees too mumble mumble mumble.

So, supplies in hand, I manage to mount my new Zebco reel (12 dollars at Kmart with a semi-cheepy rod) to my Marksman slingshot complete with arm guide. This is a slick slingshot. Take out one of those H20 Buffalos at 4 yards. Saw a guy do it once on one of those ESPN-2 shows you have to get up at 4:30 in the morning on Sunday to watch. Bet he didn t know he could toss an antenna into one of those Kalahari trees they were driving past on the way out to the game reserve....

But I digress.

So, there I am, with this deadly weapon in hand. 1oz sinker tied on to the end of the line, tucked neatly into the rawhide portion of my sling. It s like I m back in my high school English class. Man versus Nature. Man versus himself. Man vs. the tree that spit out every attempt to keep his G5RV in it s upper branches. I theorize that it s actually a distant cousin of the tree from the Charlie Brown cartoon that always eat s Charlie Brown s kite. Not the kind of tree you send your children up to climb. Come to think of it, never saw a squirrel go up and come back down alive....

This tree and I have a history. It s actually listed in Guinness as the world s largest Christmas tree. See, the one s they drag out to Rockefeller center in NYC got nothing on my maple. On any given day, you can count more than 10 sections of nylon cord hanging from various upper branches. There s 6 or 7 different colored strands of various gauge wire. Some branches are adorned with white plastic insulators. Others have rocks, large bolts, sockets of various sizes, and even a half filled with water liter sized plastic bottle. On a windy day, you can hear Bing belting out a great rendition of White QRP Xmas .

So here I go. This is it. I pick my branch, and hold it in my sites. The mighty maple holds out every leaf into the wind like hundreds of tiny sails, as though to catch every ounce of wind and sway the thick trunk as far as possible from left to right. I m onto the tree, and start to follow my target like those celebrity Skeet shooters you catch from time to time on the WB network. As I draw, I can feel my heart to beat hard in my chest. Maybe it s the thrill of the hunt. Maybe its the taste of victory almost attained. Maybe it s the thought that my new neighbor of three days (whom I ve yet to meet) is watching my every move from his deck, and wondering why I m shooting lead weights at my tree.

The breeze stops. The tree comes to rest. I aim, draw and release. I watch in amazement as the lead weight flies from my hand, effortlessly pulling dozens of yards of 6lb. line with it. I watch as the weight rises past the middle of the tree. Up over the branch. My branch. The one I ve dreamed of. But wait....

My eyes widen in terror as I realize that the weight is still going up. And up. And up. I can swear that 747 s are changing course ever so slightly to make way for this strange lead UFO sailing past their passengers unaware. I imagine that it s beginning to glow red and burn like the Apollo module coming back through the atmosphere.

After 10 minutes or so it starts to come down. I hope what I see is my lead sinker, and not some portion of the MIR space station hurtling back towards Earth...yes, it s my weight. Down....down....down....right through my other neighbors tree. I see 4 inch branches breaking and falling away as the lead weight drives through towards the Earth, slowing with every impact....finally coming to rest.

Finally coming to rest about 18 inches above the swing in my neighbors swing set. Right about where his daughter would be sitting if she was playing out in the yard on the swing. Oh, this is not good. This is bad. Very bad. I didn t realize how hard you can sweat when you really want to....quick, flip the slingshot over and start reeling. Reel, for the love of God, REEL!! Captain Ahab s got nothing on me at this point. I d trade places Moby right about now though, as I realize that the line is tangled, and that weight aint

going up, down, left or right. It just dangles there, taunting me, laughing. (I swear, it was laughing.) I dig down deep. I remember every ESPN Bass Fishing Show with that guy Jimmy that s always laughing (my dad says he s laughing because he can t believe they pay him to go fishing every week, and that people actually tune in....) and I pull back hard. I reel...the drag is screaming...I m bringing the White Whale home, baby. (Lord knows I can t lift my leg high enough to hop the fence and get this thing...and then there s the issue of the dogs...). And then it happens. POP. Up pops the sinker. Up through the branches, and back through the tree to my reel.

And then I realize, it wasn t the sinker laughing at me. It was the tree. (Sigh.) I feel like playing some sad Jazz and getting drunk. Tree 43 - Man, 0.

#### Lessons learned:

1. Antenna launcher is powerful. Best used when you have air space clearance at least 2 miles above and beyond your target trees.
2. Residential launching is best done at dusk and dawn. Trees are nocturnal, and can usually be found feeding at these early hours. (Not to mention that the neighbors are usually in their houses asleep or eating).
3. Tie loose knots when you re connecting your sinker. Use the fisherman's knot, but don t make as many loops as you re used to. 4 loops tops. Practice pulling out the knot before you shoot, and convince yourself you can pull it out and drop the sinker to the ground should things get caught.
4. Get yourself one of those Big Game hunter outfits. The police ll buy the tree hunter story long before they even consider the QRP angle. Keeps the neighbors off balance too, and sometimes that s a good thing.

Your bother in wattage.

Michael Lydick  
(AA2QO)

Picture of the weapon available at  
<http://members.aol.com/aa2qo/qrp/launcher.jpg>

-----  
Date: Mon, 8 Jun 1998 11:40:27 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [12587] TNX ON TECH AMER BATTERY  
Message-ID: <f876ab1e.357c05ed@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Thanks to all of you who responded regarding the TECH AMERICA portable power station. Range of feedback but the mean response was it was a good deal, several have it on order, and those that have one love it....Alan KB7BMI

-----  
Date: Mon, 08 Jun 1998 15:52:26 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: fifield@pacbell.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [12588] Re: NORCAL ZOMBIE Badges!  
Message-ID: <357C08BA.4ED6@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dave, so you're the one that brought these. Fine business!

The badge is awesome! It looks great and is carefully protecting my operating position -- if the thieves ever break in they'll see that Norcal Zombie badge and surely tuck tail.

And a pleasure to finally attend my first Norcal gathering. Nice meeting you there, Dave. And had a chance to meet: Mike/K1MG, Ori/AC6AN, Andreas, Bob/N6WG, Stan/NY6G, David/WA6BOY, Jeff/AC6KW, Eric/WA6HHQ, Bob/W3CD, Andres/EX-KF6NEB but can't remember his new callsign -- sorry Andreas, I just memorized you NEB call :). And of course I met you, Dave. There were many others and I apologize for not writing down attendance.

I saw Jim Cates but was unable to break away for an eyeball QSO with him. At one point I was headed Jim's way, but I had to stop and peel Bob/N6WG off of the K2 he was hugging just a little bit too tight :) :)



Bill/KH6GJV (QRO op. I may convert to QRP!) provided the ride in. Another QRO op, Barnaby/KQ6EX caravan'd with us and also attended the Norcal Event. Bill spied the K8FF paddles I had displayed and bought a Norcal Paddle Kit!!! Fresh blood. He's now got his eyes on the NC-20 kit, and bill has the Badge to go with it! (Thanks again Dave.)

Arriving at 9:45 AM we found Eric from Elecraft raising his beautiful SLV with tuned radials. Bill and Barnaby eyed Eric's set-up. The SLV and K2 netted a QSO immediately and these prospective QRP'ers were hooked. I hope we see them at future meetings.

Saturday night I had a qso with Bob/N6WG who was running his SWL-40+ he recently packaged in a modem case. Bob brought this to the meeting and it is nice folks! Now I know why all these great ideas happen! Just come to a Norcal meeting and leave fulfilled! Bob recessed the SWL40+ pcb into another copper clad bd which then could be inserted into the modem case along the interior rails. A second "Feature" PCB is ready and also is rail mounted in the Modem box. Good job Bob, and now I fully understand your talents after this eyeball qso. What enthusiasm he has. And I thought I was alone. Not the case.

Bob convinced me that my junk would be well received so I brought a few 'home-made' toys. I brought some gifts too, heavy duty microwave packages for rugged use. Multi-chamber milled for that 'RF-Tight' design. I gave 3 away.

Here's what I brought: Makita portable battery fixture with battery installed and running the RAC digital dial I won. The XMAS Contest Pixie I built. RF actuated CW sidetone. Plastic straight key I have used in the Spartan Sprints. Three microwave downconverter packages with surface components. My K8FF paddles.

Mike delivered a Collins filter to me, and I just can't thank Mike and the donor enough. In all the excitement I overlooked some questions but I'm sure I'll find out what Frequency the filter is for and who the donor is. Thankyou very much!

Geez, I better stop here, I'm getting a little long-winded and misty-eyed too.

Nice meeting y'all :)

-Ed

Dave Fifield wrote:

>  
> Paul,  
>  
> "Great minds think alike".....or is it "fools never differ"?..  
> for I too have had a bunch of Norcal Zombie badges/buttons (call  
> em what you like) made up for handing out at the Norcal meeting  
> this Sunday!  
<snip for brevity>

--

72, Ed, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Mon, 8 Jun 1998 11:56:02 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [12589] BATTERY SIZING QUESTION  
Message-ID: <7b27e791.357c0993@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Great info on how to size battery for field ops but one question remains: Lets look at the previous example where the size required was 9 amp hour. When sizing the battery does that mean the voltage will stay at say 12.4 volts for that period or just produces the amperage for that time period?  
Thanks ...Alan KB7MBI

-----  
Date: Mon, 8 Jun 1998 17:13:32 +0100  
From: adams@chuck.dallas.sgi.com (Chuck Adams)  
To: qrp-l@Lehigh.EDU  
Subject: [12590] HB Contest  
Message-ID: <199806081613.RAA08786@chuck.dallas.sgi.com>

Congratulations go to Jim Kortge for his 2N2222 HB XCVR and winner of the homebrew building contest. This is a

must see item. Doug Hendricks, KI6DS, was hauling this thing around the country for Jim and I hope that Jim gets it back. :-) ;-)

It was ugly construction, but it was beautiful. Imagine this. One PC board plane approximately square and maybe 4.5" on a side or maybe even 4x5". I didn't get the exact dimensions. Now block off areas for VFO, Mixer, RF Amps, Audio, etc. Now build each section within the areas but more importantly align parts and paths and soldered leads parallel along imaginary grid lines. It looked like a city map with parallel roads etc.

Jim can give us more details on exactly how he did it and those of you at Dayton who saw it saw a work of art and a labor of love.

I am personally sending him a \$50 check for the purpose of supporting his next project and some of the parts that he will need.

Again, congratulations Jim on the fine project and good work.

Oh, his call is K8IQY and most of you will remember his posts by the bicycle picture. :-)

Not to encourage pics in signature file like bicycles and dinosaurs. :-)

dit dit

Chuck Adams K5FO Dallas,TX CP-60  
<http://reality.sgi.com/adams> [adams@sgi.com](mailto:adams@sgi.com)

-----

Date: Mon, 8 Jun 1998 12:19:53 -0400 (EDT)  
From: Chris Cartwright <[ccart@dns.vidtel.com](mailto:ccart@dns.vidtel.com)>  
To: [AA2Q0@aol.com](mailto:AA2Q0@aol.com)  
Cc: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [12591] Re: Antenna Launcher Story....  
Message-ID: <[Pine.LNX.3.93.980608121332.639G-1000000@dns.vidtel.com](mailto:Pine.LNX.3.93.980608121332.639G-1000000@dns.vidtel.com)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 8 Jun 1998 [AA2Q0@aol.com](mailto:AA2Q0@aol.com) wrote:

> There s 6 or 7 different colored strands of various gauge wire. Some  
> branches are adorned with white plastic insulators. Others have rocks,  
> large bolts, sockets of various sizes, and even a half filled with

ROTFL: And I thought I was the only one with one of these in my back  
yard. It's \*amazing\* how long monofilament line will last with no tension  
on it, you can still see it up there mocking you years later. Hang an  
antenna from it, -pop- gone in two weeks:) I also have ceased using  
"pyramid" shaped weights. Ever since I had to use a hammer to dig one out  
of the neighbors deck. Oh, and the teardrop ones go right through the  
glass on a gas grill... umm... or so I've heard :-0 72 es heads up!

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --  
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Mon, 08 Jun 1998 09:21:15 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: AA2Q0@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12592] Re: Antenna Launcher Story....  
Message-ID: <357BAD0B.5691BF26@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Looks like the same idea as the SooperShooter I posted some months ago.  
Doug KI6DS never got around to publishing it in QRPP.

Anyway, when you have a hammer, do you always make a full swing?  
:-)....nope. These things work great with just a short pull on the  
slingshot, and you have a lot more control that way.

--  
72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ  
"The problem with doing nothing is not knowing when you're finished"  
(Nelson DeMille)

-----  
Date: Mon, 8 Jun 1998 11:49:58 -0500  
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>

To: QRP-L list <QRP-L@Lehigh.EDU>  
Subject: [12593] Re: The Quick Brown Fox etc  
Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C58433B@s-il02-n.comm.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain

As some have stated, this sentence was used to run tests on TTY circuits to ensure that all was operating correctly. It exercised all the letters (but not numbers) on a TTY terminal.

The RY bit was used to test the relays in a teletype circuit. At least our Western Electric landline 40C1 teletype circuits used polar relays, with a mark contact to one side, a space contact on the other, and a neutral position with no contact. The RY bit was to ensure that the relays were adjusted correctly so there was no bias (longer dwell time) on one side rather than the other. The TTY R and Y characters were (still are?) mirror images of each other, rather like us sending R and W in code.

There, more than you really wanted to know, huh? :-)

73, Bob N6WG

-----  
Date: Mon, 8 Jun 1998 10:08:49 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@Lehigh.EDU>  
Subject: [12594] HamCom 98, WoW!!  
Message-ID: <01bd9300\$1b1fe4c0\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I returned from a great trip to HamCom in Dallas this weekend, and I have to tell you a story. I am sitting in the Phoenix airport, and this little girl, maybe 9 or 10 years old, starts pointing at me to her brothers, and says something. The look at me, their eyes get big, and they hide behind their mother. She looks at me and starts to laugh, but the two brothers are hiding big time, and won't come out from behind her.

I on the other hand, don't have a clue as to what is going on. Finally, I realize what it is. I still have my official Paul Harden NorCal Zombie button on, and that is what has scared the boys. Their sister has told them that I am a Zombie!! I laughed, and said hello to the girl, assured here that I really wasn't one, that it was from a convention. I then had to explain it to the mother who thought it was great. Everytime I get around Paul Harden, I get in some weird things, but I have fun

Fun is what Hamcom is. I enjoyed the weekend immensely, Chuck Adams, Doc Drake, Joe Spencer, Barbara Spencer, Burl Keeton, Jay Bromley, Martin Jue, Jerry Henshaw, Stuart Rohre, Ed Manual, Larry Wise, Wes Spence, Michael Hopkins, all made me feel right at home. Thank you for your hospitality. It was fun watching the CW contest, (Dub, you just gotta sharpen that pencil, grin.) Paul's Zombie buttons were an instant hit. Great flea market, real prices.

Larry Jones gave a neat talk on the ARRL Radio Designer, and he is writing an article for QRPp, Brad Bradfield is sending an article on antennas. Paul's talk on the sun was fabulous, and we all had a good time.

Martin Jue of MFJ gave us a sneak preview of some new MFJ products. You will be interested in several. Here they are.

The MFJ259B antenna analyser. This thing does everything. Check it out. Maybe MFJ has it on their web page, but this one is a must.

A new 12 volt 1.2Amp regulated supply. Uses a wall wart and a small box for regulated DC. I bought one as it is the perfect supply to travel with.

A new book by Dave Finley on how to learn the code painlessly. Has a great picture of NA5N operating in it.

And, here is the exciting news.

MFJ will soon have a DC receiver kit aimed at the beginning builder. 40 meters I believe to start. \$29.95. The first kits will come out in July through Tech America.

They will also have a matching transmitter, VXO controlled. \$29.95!! These are board and parts kits, no case.

And, a 20 Watt Amplifier kit, which can be driven with 1 or 2 watts. The price is \$39.95 I think, maybe \$49.95, not too sure.

MFJ is getting into the KIT business, and this is their first step. Exciting news, another player. Do you think that maybe MFJ is watching what goes on in the QRP world? They saw what the response was to an inexpensive starter kit (remember the 49er, Pixie, 38 S?) and realized that there was a market there.

Saturday evening a few of us went out to dinner at Pappa Dieux's, and I had a whole heaping plate of Crawdads. Great food. But, the culinary treat was the real chicken fried steak with white gravy!! Heaven at last.

I'll be back next year, and if you can get away, go to Hamcom, it is fun!!  
THanks again guys. 72;; Doug, KI6DS

-----  
Date: Mon, 08 Jun 1998 17:11:13 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: K4AHK@ix.netcom.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12595] Re: Altoids boxes  
Message-ID: <357C1B31.453A@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Bill, my son is 'Addicted' to these things. He's got that many stacked on his bookshelf, TV set, etc... I'm working him slowly...

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Mon, 8 Jun 1998 18:11:38 +0000  
From: "Frank G3YCC" <g3ycc@g3ycc.prestel.co.uk>  
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org  
Subject: [12596] Mobile whips  
Message-ID: <E0yj5So-00050W-00@hen.scotland.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Any Web sites that describe mobile whip construction please?

--73--

Frank G3YCC G QRP 042  
email: g3ycc@g3ycc.prestel.co.uk  
QRP web Site: <http://www.homeusers.prestel.co.uk/g3ycc/>  
Packet: G3YCC@GB7HUL

-----  
Date: Mon, 8 Jun 1998 11:27:30 -0400  
From: cy r currier <crc3@telplus.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>,  
"'vferme@sprint.ca'" <vferme@sprint.ca>

Subject: [12597] RE: New high capacity Duracell alkalines  
Message-ID: <01BD92E0.130EAB60@bgr71.lobster.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

-----  
From: Vincent Ferme  
Sent: Monday, June 08, 1998 9:37 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: New high capacity Duracell alkalines

Wall-Mart in Toronto is selling 2xAA rechargeable alkaline batteries for \$0.98 CAN. I looked for other sizes but could not find them. The label = says they are good for 25 to 100 charges. It's manufactured by one of the familiar brands, I think is Eveready, but don't quote me on that.

73 de Vince, VE3VFN.

in an attempt to use ray o vac's rechargeable alkaline cell on solar = power and in the plane i talked at length with the factory engineer. = from memory (1 yr ago) it was plain only their factory charger was practical. it is = chip=20 driven and the first third of the pulse wave senses the need for a = charge. if it is needed it zaps the battery many times in a short period. he = lead me to believe an installation that used anything like solar or = conventional ni cad charger would "eat" the batteries. also they can't = be charged in a string but must be charged separately. one advantage is = the 1.5v instead=20 of the 1.2v nicad. i did get 8 aa's and a charger but suspect lead acid = or a=20 gal cell might be more forgiving for your needs. good luck

cy-k1tes  
crc3@telplus.net

-----  
Date: Mon, 8 Jun 1998 12:27:24 -0500  
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>  
To: QRP-L list <QRP-L@Lehigh.EDU>  
Subject: [12598] Re: The Quick Brown Fox ...



Message-ID: <E726B6D1F2C7D1119AB900805FA74B3C58437F@s-il02-n.comm.mot.com>  
MIME-Version: 1.0  
Content-Type: text/plain

Just had pointed out that I can type faster than I can think.  
R and W aren't mirror images. I should have said R and K.  
Oh, well. :-)  
73, Bob N6WG

-----  
Date: Mon, 8 Jun 98 07:25:58 HST  
From: mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)  
To: qrp-1@Lehigh.EDU  
Subject: [12599] QBF tapes  
Message-ID: <9806081725.AA03791@krypton.nmr.Hawaii.Edu>

The Quick Brown Fox was used to test mechanical TTY circuits as well as the machines. A typical Model 15 machine used a mechanical decoder based on "swords and shields" which were a series of levers and flat springs that were tricky to adjust. The tape plus the string of RY's was used to exercise the range of characters. It dates to well before WWII, was used on all TTY circuits as long as there has been TTY as near as I can find out. It was traditionally followed by a 1234567890.

Military stations could get into trouble by fiddling with QBF. Boredom and creativity caused some of them to get cute with the standard QBF tape. Even though circuits were encrypted, they usually used QBF in the clear to tune up a circuit and test it. Any messing with the QBF tape at a location would single that location out on the net and provide intelligence to the enemy about which traffic came from where, since QBF was sent often.

As late as the 1978 period when I was reading the mail on RTTY out of Pearl Harbor and the Pacific on military circuits, all of it encrypted except the QBF tapes, I was noticing variations in the QBF tapes being used. I mentioned this to a retired chief who worked at the same place I did. He made a call. The very next day when I checked the circuits, every single QBF tape was exactly the same from any of the stations.

The newspapers used a modified RTTY code called TTYsetter code. It was six level instead of five level and thus allowed for such things as M-slugs and upper and lower case.

The punched tape could be taken right off a reperf and put onto a hot metal type setter like a Linotype.

I am currently setting up a KAMplus unit so I can get back into RTTY. A friend has been getting enthusiastic attention from Europeans on RTTY where they seem to think Hawaii is realtively rare. I had him pretty much converted to QRP, but he as drifted back to 100 watts for RTTY. Also he has discovered TVI, RTTY chop chops on the telephone line that are deafening, and the cute trick of the cable box changing channels in time with the RTTY signal.

Since it is a full duty cycle mode, I assume that QRP RTTY is five watts, not 10 watts PEP as for SSB.

AH7R - Mike Burger, University of Hawaii at Manoa, Dept. of Chemistry  
HI-QRP #28 - QRP-L #1053 - FISTS #3225 - BL11ch - Honolulu County

-----  
Date: Mon, 08 Jun 1998 13:34:50 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: AA2Q0@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [12600] Re: Antenna Launcher Story....  
Message-ID: <357C20BA.6A1F@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

AA2Q0@aol.com wrote:

> Lessons learned:

One other thing to note. Mono line gets stiff when it is cold. Case and point. I'm on "vacation" in NY during Christmas last year. My inlaws live upstate in the woods with "real trees", not like those wimpy Florida trees where I'm from. I'm up for 3 weeks so I gotta bring the MFJ and get a dipole up in those majestic trees. So picture this, Florida boy, 11 degrees F, everything covered in snow, with my wrist rocket/zebco in tow. Find that first tree and ZING, up at least 50 feet. Man I'm excited. So I put the reel in the snow and begin to pull over my rope. 30 minutes pass. Now I'm ready for the other side. No matter what I did I could not get that line to feed out of the reel. Ended up throwing it over a tree branch at about 10 feet and ended up with a pretty good sloper. I didn't realize until much later that the mono line

was getting as stiff as my fingers ;-)

When I got back in the house I got a lot of empty stares from the inlaws.... Wonder what they were thinking.....

--

72 de ku4qo  
Mike Maiorana  
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

-----

Date: Mon, 08 Jun 1998 12:50:34  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@Lehigh.EDU  
Subject: [12601] New 9850 DDS VFO kit  
Message-ID: <3.0.3.16.19980608125034.2687243a@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Howdy Gang!

At last, the long awaited 9850 VFO is good to go!

This is a QRP sized, stand alone, digital VFO, only 1.5"H x 2.0"W x 1.3" D. It is designed primarily for use as a QRP rig VFO, but can also be used as a signal generator.

Power requirments are modest, 8V at 140 ma.

It is knob tuned, using a mechanical rotary encoder. The encoder (supplied) and four push buttons (not supplied) mount off board.

Tuning range is 1 Hz to 50 MHz, in 1 Hz min steps.

MMIC buffered output, approx 2 V p-p (OC)

Narrow band (+/- 100 KHz) spurs, -60 dBc or better.

LCD, 2 line x 8 character alfa-numeric display.

51 user programmable frequency memories, stored in eeprom.

RIT

Programmable IF offset for direct reading Rx display

A/B vfo tuning registers.

Digital frequency calibration

Selectable Heterodyned VFO mode (where BFO is mixed with VFO to produce Tx frequency, IF offset on in both Rx and Tx) or direct Tx mode (where VFO outputs Tx frequency directly, also signal generator mode, IF offset on only durring Rx)

Provisions for substituting high count optical encoder for supplied mechanical encoder.

There are two boards, the Display-Controller board and the DDS board. The DDS board plugs into the back of the display board. As the DDS board uses primarily SMT parts, it comes assembled and tested. You build the display board.

The kit is \$125.00 post paid and there are only 18 available at this time.

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Mon, 08 Jun 1998 10:45:03 -0700  
From: W7LS <w7ls@blarg.net>  
To: ARDUJENSKI@aol.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [12602] Re: TNX ON TECH AMER BATTERY  
Message-ID: <357C231F.735E@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

One note of caution: These low-end power station things don't seem to use a good grade of battery. This is what I got from the engineer at one of the places that imports them. Seems that they work fine for a couple of years and that's about it. That was certainly my experience with two of them. Won't take a charge, after that.

W7LS

ARDUJENSKI@aol.com wrote:

>

> Thanks to all of you who responded regarding the TECH AMERICA portable power  
> station. Range of feedback but the mean response was it was a good deal,  
> several have it on order, and those that have one love it....Alan KB7BMI

-----

Date: Mon, 8 Jun 1998 10:46:54 -0700 (PDT)  
From: KC5TJA <kc5tja@topaz.axisinternet.com>  
To: Vincent Ferme <vferme@sprint.ca>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12603] Re: New high capacity Duracell alkalines  
Message-ID: <Pine.LNX.3.96.980608104522.255C-100000@topaz.axisinternet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 8 Jun 1998, Vincent Ferme wrote:

> Wall-Mart in Toronto is selling 2xAA rechargeable alkaline batteries for  
> \$0.98 CAN. I looked for other sizes but could not find them. The label says  
> they are good for 25 to 100 charges. It's manufactured by one of the  
> familiar brands, I think is Eveready, but don't quote me on that.

Rayovac has been marketting their Renewal brand of rechargeable alkalines  
for quite some time now. I used them with excellent success for my 2m  
handheld. The downfall is that they discharge quickly at first, then slow  
down later. So they last a fair amount of time, but their power output  
isn't all that great.

BUT, they are rechargeable, and do not seem to exhibit any memory effect.  
So all in all, I was extremely pleased with the results.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

-----  
Date: Mon, 8 Jun 1998 13:09:50 +0000  
From: "Bryan Turner" <turnerw@email.uah.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [12604] Tech America  
Message-ID: <9806081809.AA20431@uahis1.uah.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7BIT

<http://www.techam.com/>

You can order a free Tech America catalog from their web page. I  
received mine (via priority mail!) Saturday. I found just about

everything I would want in the catalog, except for air variable caps.  
They have no minimum order. I hope they keep the free catalog policy  
since I never buy catalogs.

No disclaimers, irrelevant club membership numbers or tired quotes.

73 Bryan W8LN

-----  
Date: Mon, 08 Jun 1998 11:38:49 -0700  
From: Jerry Parker <jparker@fix.net>  
To: qrp-l@Lehigh.EDU  
Subject: [12605] NorCal's June Meeting Report is up!  
Message-ID: <2.2.32.19980608183849.00bc643c@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

First of all I would like to thank Mike Gipe K1MG for  
the GREAT Meeting Report.

I was not able to make it and Mike did a super job!

Check it out on the NorCal Page:

<http://www.fix.net/norcal.html>

Even includes a picture of a real NorCal Zombie and more.

Thanks again Mike!

Enjoy,,,72,,,Jerry...WA6OWR...K

-----  
Date: Mon, 8 Jun 1998 11:55:34 -0700  
From: Kent Torell <torell@sicom.com>  
To: peter@barville.demon.co.uk  
Cc: qrp-l@Lehigh.EDU  
Subject: [12606] Re: Emtech ZM-2

Message-ID: <v04003a02b1a1e1c8da20@[192.91.202.41]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Peter comments on his LED swr indicator in his ZM-2:

>If I use the LED indicator on 80m, I can tune the antenna to 1:1 (which  
>is confirmed by an external swr meter). However, when I then switch the  
>LED indicator out of circuit, the swr (shown on the swr meter) changes  
>to around 2:1 and I have to retune the ZM-2.  
>..... I am using an inverted vee doublet, fed with 450 ohm  
>ribbon feeder, which presents a high impedance at this frequency.

An external SWR meter will show a good match when the LED swr indicator is switched in. This is because an effective 6 db attenuator is in-line. A 2:1 swr will be transformed to around a 1.2:1 swr by this attenuator. Functionally, this helps keep your transmitter final happy while you are tuning up. When you switch the LED swr indicator out of the circuit, the external swr meter will see the 'true' swr from the tuner.

I think Charlie's suggestion about external RF getting onto the LED is correct. When Dan was breadboarding up this indicator, he didn't use a diode; he led the LED function as it's own rectifier. However, the LED 'wimped out' at higher frequencies, so he put a signal diode in series. The fact that the tuner has to match to a very high impedance implies there is a lot of rf voltage internal to the tuner. A bypass cap (0.1 uf) across the LED will take care of some of this, but you may have to re-arrange the transformer wires a bit. Or provide some shielding.

Let us know what happens ... :-)

Kent Torell      torell@sicom.com      602-607-4852  
SICOM      7585 E. Redfield, #202      Scottsdale, AZ      85260

-----  
Date: Mon, 8 Jun 1998 15:19:20 -0400  
From: "Don McKechnie" <donmck@erinet.com>  
To: qrp-1@Lehigh.EDU  
Subject: [12607] Thanks  
Message-ID: <199806081921.PAA20357@erinet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

My thanks to those who responded with ZM-2 suggestions and solutions!  
You have been very helpful.

72/73 de Don  
W8IZZ

-----  
Date: Mon, 08 Jun 1998 19:20:56 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12608] K8FF Paddles/Chrome Base trade in option.  
Message-ID: <357C3998.E67@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bill/KH6GJV picked up the K8FF paddles at the Norcal meeting and would like me to forward information to him regarding the Chrome base trade in option.

sooo...

Where does he send his base.  
How much does it cost.  
What is the turnover time until he receives the chrome replacement?

Thanks in advance.  
-Ed

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Mon, 8 Jun 1998 14:33:35 -0500  
From: "Dennis Payton" <dpayton@fwi.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [12609] Tektronix 465 source  
Message-ID: <01bd9314\$54592800\$aeb054d1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



I purchased a Tektronix 465 oscilloscope at Dayton from a company in NJ called "Gen-Cal" for what I thought was an excellent price. I just talked to them and they have three more in stock for \$300 + shipping. That's a little more than I paid but I "think" it's still a good price for a good 100 Mhz. 'scope.

The fellow I talked to ( Cass ) said he just quoted them to someone last Friday so if you're interested it might be good to contact them right away. I'd appreciate hearing from anyone who might deal with them.

They are at : [www.gencal.com](http://www.gencal.com)

- Standard disclaimers.

Denny N9JXY

-----  
Date: Mon, 8 Jun 1998 15:48:02 -0400  
From: Mel Evans <MelEvansGM6JAG@compuserve.com>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [12610] RE: A LITTLE COMMUNICATION TRIVIA  
Message-ID: <199806081548\_MC2-3F8C-79FA@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

Hi All,

One correspondent on this stated IBM service guys used it to test typewriters, but if you look hard at the phrase (with the dog's back) you'll find it not only tests out all the letters, it also gives a pretty=

good test of the fingers of the touch typist doing it !

We used to ask typists to do this on MANUAL typewriters (yes, there were springs and levers and cogs and gearwheels in those days) so that we could see if a particular typist was "weak" on any one or more fingers when typing for masters on duplicator stencils (skins) for Gestetner or Roneo ink duplicator machines.

If they were, a bit of judicious adjustment (look out of window with vacuum=

stare and bend things!) could take place without the customer knowing too= much about it.

Of course, all that went out when electric typewriters came in - - - - - =  
-  
didn't it?

72 and 73 de Mel  
GM6JAG  
Edinburgh, Scotland UK  
Home of the last HW9

Area Chairman, British Caravanner's Club  
Web Pages <<http://users.aol.com/bccscot/page1.html>>

Alternate e-mail address: <[melgm6jag@aol.com](mailto:melgm6jag@aol.com)>

Authorised at 11kv, 33kv, and up to 275kv

Check out < <http://users.aol.com/euramcom/welcome.html> >  
for details of euro-american components equivalents!

-----  
Date: Mon, 8 Jun 1998 13:20:46 -0400  
From: cy r currier <[crc3@telplus.net](mailto:crc3@telplus.net)>  
To: "'Low Power Amateur Radio Discussion'" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>, "'whalen@swcp.com'"  
<[whalen@swcp.com](mailto:whalen@swcp.com)>  
Subject: [12611] RE: SST mods?  
Message-ID: <01BD92F8.CE1884E0@bgr71.lobster.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

-----  
From: tom whalen  
Sent: Monday, June 08, 1998 8:45 AM  
To: Low Power Amateur Radio Discussion  
Subject: SST mods?

Hola Fellow QRPer's

Wondering if anyone knows where any SST mods are located? Mainly  
interested in a RIT mod for this neat rig.

72, Tom WB5QYT

--

Enjoying QRP and QRP-L!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20

IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, ST. Louis tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

Home of the "spud gun antenna launcher"-Kite antennas- RR mobile

[www.fix.net/dans.html](http://www.fix.net/dans.html)

(internet catalogue)

good luck. all disclaimers known or able to be generated by a panel of hungry lawyers on piecework.

cy - k1tes      crc3@telplus.net

-----  
Date: Mon, 8 Jun 1998 13:20:25 -0700

From: Conrad <radman@best.com>

To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>

Subject: [12612] QBF author... ?

Message-ID: <01BD92E0.33DD1B60.radman@best.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Fascinating stuff... all this info on Quick Brown Fox! For decades I thought it was merely a way for Miss Gaffney to keep all 32 of us 12 year old boys "busy" whilst she taught us 10-thumbed nitwits to touch-type!

Question: does anyone know \*who\* (author) actually penned the original sentence?

This is not a contest or a trick question... I'd merely like to read some more of his or her "works." ;)

72 - Conrad Weiss - NN6CW  
  
-----

Date: Mon, 08 Jun 1998 16:30:58 -0400  
From: Scott Howell <showell@hq.nasa.gov>  
To: w7ls@blarg.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [12613] Re: TNX ON TECH AMER BATTERY  
Message-ID: <3.0.5.32.19980608163058.008077a0@mail.hq.nasa.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

We had a fellow Ham whos call and name escapes me at this point and also from a good source here at NASA that nicad batteries in fact do not have any memory. Where the memory thing comes from in basic non tech terms is as they are used and then charged they don't form the memory, but where the memory idea comes from is when they are run flat and then charged. They suffer from cell damage. The memory thing came from the space program back in the 60's where it occurred on a satellite. Not sure all why this was, but doesn't happen on Earth. In any case what is suggested is to just leave them charged at all times and when your done with the radio etc. just drop the battery back on the charger. Of course a good regulated charger that won't over charge the battery is important. I can try and dig up the info, scan it, and post it if folks are really intrested.

I found that leaving my shaver charged all the time and then using it for two or three days while traveling it worked quite well and didn't die. Now before when I would charge it and just run it down it wouldn't hold a charge.

At 10:45 AM 06/08/1998 -0700, W7LS wrote:

>One note of caution: These low-end power station things don't seem to use  
>a good grade of battery. This is what I got from the engineer at one of  
>the places that imports them. Seems that they work fine for a couple of  
>years and that's about it. That was certainly my experience with two of  
>them. Won't take a charge, after that.

>

>W7LS

>

>

>ARDUJENSKI@aol.com wrote:

>>

>> Thanks to all of you who responded regarding the TECH AMERICA portable power  
>> station. Range of feedback but the mean response was it was a good deal,  
>> several have it on order, and those that have one love it....Alan KB7BMI

>

>

>

NASA Headquarters

Human Resources Management Division

Employee Benefits Officer

CP/Scott Howell  
300 E Street SW  
Washington DC, 20546

phone/fax: (202) 358-1558  
E-mail: Whowell@hq.nasa.gov

-----  
Date: Mon, 8 Jun 1998 15:38:40 -0500  
From: ac5ez@webtv.net (Larry B)  
To: qrp-1@Lehigh.EDU  
Subject: [12614] Ni cad memory  
Message-ID: <199806082038.NAA01525@mailtod-122.bryant.webtv.net>  
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII  
Content-Transfer-Encoding: 7BIT  
MIME-Version: 1.0 (WebTV)

There have been several articles in qst etc. over the years that debunk the nicad memory problem. It doesn't seem to go away though. I have never noticed the so called memory problem and don't expect to.

Larry Ac5ez

-----  
Date: Mon, 08 Jun 1998 13:43:34 -0700  
From: W7LS <w7ls@blarg.net>  
To: whowell@hq.nasa.gov  
Cc: qrp-1@Lehigh.EDU  
Subject: [12615] Re: TNX ON TECH AMER BATTERY  
Message-ID: <357C4CF6.2D41@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi, Scott. Yes, please do run the info down. I have heard the same thing, somewhere. I never uses nicads because the way I use them, they are always dead! I follow the instructions. I use stuff infrequently and nicads go dead every month. I just stick to alkalines. More capacity, anyway.

73 de Jim, W7LS

Scott Howell wrote:

>  
> We had a fellow Ham whos call and name escapes me at this point and also  
> from a good source here at NASA that nicad batteries in fact do not have  
> any memory. Where the memory thing comes from in basic non tech terms is as  
> they are used and then charged they don't form the memory, but where the  
> memory idea comes from is when they are run flat and then charged. They  
> suffer from cell damage. The memory thing came from the space program back  
> in the 60's where it occurred on a satellite. Not sure all why this was,  
> but doesn't happen on Earth. In any case what is suggested is to just leave  
> them charged at all times and when your done with the radio etc. just drop  
> the battery back on the charger. Of course a good regulated charger that  
> won't over charge the battery is important. I can try and dig up the info,  
> scan it, and post it if folks are really intrested.  
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> two or three days while traveling it worked quite well and didn't die. Now  
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> >a good grade of battery. This is what I got from the engineer at one of  
> >the places that imports them. Seems that they work fine for a couple of  
> >years and that's about it. That was certainly my experience with two of  
> >them. Won't take a charge, after that.  
> >  
> >W7LS  
> >  
> >  
> >ARDUJENSKI@aol.com wrote:  
> >>  
> >> Thanks to all of you who responded regarding the TECH AMERICA portable power  
> >> station. Range of feedback but the mean response was it was a good deal,  
> >> several have it on order, and those that have one love it....Alan KB7BMI  
> >  
> >  
> >  
> NASA Headquarters  
> Human Resources Management Division  
> Employee Benefits Officer  
> CP/Scott Howell  
> 300 E Street SW  
> Washington DC, 20546  
>  
> phone/fax: (202) 358-1558  
> E-mail: Whowell@hq.nasa.gov

-----

Date: Mon, 8 Jun 1998 16:44:53 EDT  
From: AA2Q0@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [12616] Re: TNX ON TECH AMER BATTERY  
Message-ID: <308b727d.357c4d46@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Hello all,

Had a similar experience with a power station I bought through the Price Club here on the East Coast in N.Y. Thing worked great for a few years. I even hooked up some meters to it (current / voltage), and shortly after the Cells would not hold a charge. There were two 6 V Sealed lead acid (no mfr. name). I think I bought the whole thing (cable, no charger) for 20 bucks. Had jacks for 6, 9 , and 12 volts out, and LED monitor for charge and automatic charge cut off.

I liked it enough to keep it around until I decide to get some replacement cells. I think that they market them at a low price to sell a ton of them figuring most people aren't going to put them through their paces like we do.

Just my 2 cents worth.

Michael Lydick  
Mechanical Engineer  
Long Island, N.Y.  
AA2Q0

-----  
Date: Mon, 08 Jun 1998 15:43:42 -0500  
From: Ed Manuel <n5em@flash.net>  
To: wa8mcq@abs.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [12617] A Technical Question  
Message-ID: <3.0.5.32.19980608154342.00a81960@pop.flash.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Mike,

While having dinner with Doug Hendricks, Stuart Rohre, Chuck Adams (hope that tooth is doing better), Paul Harden, Sandra (hope I got that right) and Bill Kelsey, stimulating conversation eventually led to a serious technical discussion. One problem faced by all new buidlers is how to wind

a toroid. In an effort to dispell the myth that winding toroids is difficult, Doug has developed a new method of demonstrating how to count toroids. He has used this method effectively in QRP talks in the past. He takes a large roll of multipurpose paper (that's Scout-talk for toilet paper) and uses RG-174 coax to wind a few turns, showing how to count the turns. It's large and easy to see from the crowd and quickly shows the right method.

But, the question invariably surfaces. What is the permeability of a large roll of multipurpose paper? Now, I know that Doug should have stopped what he is doing and done the measurements and the math, but we all know that you have more experience in this area than most so it seemed logical to ask the expert. Doug assures me that he would like an article for QRPP on your results.

What say, Mike? Set out minds to rest.

Ed Manuel, N5EM  
n5em@amsat.org

Ed Manuel, N5EM  
Houston, Texas  
n5em@amsat.org  
n5em@flash.net

-----  
Date: Mon, 08 Jun 1998 15:53:38 -0600  
From: Mike - W0TMW <crucis@sky.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12618] Field Day Dup sheets/log  
Message-ID: <357C4F52.12A48D1F@sky.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Anyone know of a source for paper dup sheets/ logs/ etc. for field day?  
I used to use them before laptops became the vogue.

Mike - W0TMW

--

=====  
Mike Watson, W0TMW                      QCWA Mbr # 28651, Chap. 35  
Raymore, MO USA                        Grid: EM28st ARCI# 9647  
<http://www.sky.net/~crucis>



E-mail: crucis@sky.net      ARS# 352, QRP-L# 1489

=====

-----

Date: Mon, 8 Jun 1998 15:15:14 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Larry B <ac5ez@webtv.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12619] Re: Ni cad memory  
Message-ID: <Pine.SOL.3.91.980608150958.23860A-100000@gpfn1.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Larry...I run into this "memory" problem regularly with Camcorders at work here....I'll get a complaint from an instructor who says the camcorder only ran 15 minutes on battery and then quit....I'll run it and sure enough it stops after abt 15 minutes.....then I clip a load across the ni-cad and drain it down a bit, then recharge it and then run it again in the camcorder and I can usually get it back to say 60 minutes operating time...I too have read the articles abt the memory which problem which doesn't exist but.....maybe the "memory effect" isn't the proper explanation for "it"?... ;-)    72 - Bruce(VE5RC)

-----

Date: Mon, 08 Jun 1998 21:26:46 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: crucis@sky.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12620] Re: Field Day Dup sheets/log  
Message-ID: <357C5716.6C6@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

QRP-l has some:

<ftp://FTP.LEHIGH.EDU/pub/listserv/qrp-l/forms/>

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----

Date: Mon, 8 Jun 1998 16:36:34 -0500  
From: nilsbull@juno.com (Nils R Young)  
To: ki6ds@dpol.k12.ca.us  
Cc: qrp-1@Lehigh.EDU  
Subject: [12621] Re: Like Zombies & like small children or something?  
Message-ID: <19980608.164101.6510.1.nilsbull@juno.com>

Amigos,

Doug has a problem, see? He's like one of the like people from like California? And he is like always getting into like really bizarre conversations? And people like ask him stuff and he has like these buttons?

So like the other like day, me and my youngest are like sitting on the sofa watching a show? And the show was like about Zombies and Haiti or something? And we were watching like this like part where this like person has been like turned into a zombie or something? And like I started like looking at like Andy with this like funny like look on my face? And like my eyes were like crossed or something and like my tongue was like sticking like out of like my mouth? And Andy got like scared and like got up and like went out on the porch? And I was like stumbling like around the house and like went out on the like porch or something and like looked around? And then the paranoid schizophrenic guy like who like lives across the like street or something? He started laughing? Like at me?

So don't like laugh? 'Cause it like could like happen? And you'd like be like a zombie? And you wouldn't be like able to say a single like sentence without like putting lots of like the word "like" in it? And speaking like every sentence was like a question?

And besides: It's like 27 days until like the aliens like come back and like take the like electricity from like professional wrestling or something? And if you didn't pay your like \$30 to "Bob" you'll like be turned into a like jelly donut or something?

Like 73

Nils

-----  
-----  
Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch  
WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com  
<http://www.geocities.com/Athens/Olympus/9172>  
-----

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Mon, 08 Jun 1998 16:59:18  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@Lehigh.EDU  
Subject: [12622] Re: TNX ON TECH AMER BATTERY  
Message-ID: <3.0.3.16.19980608165918.2ef79f28@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

> The memory thing came from the space program back  
> in the 60's where it occurred on a satellite. Not sure all why this was,

I remeber reading somewhere that they were discharging to a very specific voltage before recharging, also to a very specific voltage. Then after a while the "memory effect" became apparent. This effect got reported somewhere and became an urban legend.

Under normal random charge - discharge conditions, there is no "memory effect" What people think is memory effect is simply the battery going bad.

BTW, whenever I go to Radio Shack to buy ni-cads for like cordless phones, I always have them check 'em to see if there is at least some charge on them. I found the ones that have been sitting around a long time and have very little charge left on them don't seem to want to come back to life.

This is a real problem with Camcorder batteries, as often they don't sell very quick and sit on the shelf for a real long time. It's a real bummer when you pay \$70 for a Camcorder battery only to find it woun't hold a charge.

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Mon, 08 Jun 1998 17:01:55 -0500  
From: "Tim, KD5CKP" <kd5ckp@bellsouth.net>  
To: qrp-l@Lehigh.EDU  
Subject: [12623] Re: Field Day Dup sheets/log

Message-ID: <357C5F35.42BC@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

... but what if you don't have a PostScript reader?

73 Tim

Ed Loranger wrote:

>  
> QRP-l has some:  
>  
> ftp://FTP.LEHIGH.EDU/pub/listserv/qrp-l/forms/  
> --  
> 72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR  
> <http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

-----  
Date: Mon, 08 Jun 1998 17:13:24 -0500  
From: Mike Martin <mmartin@netins.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12624] Re: Like Zombies & like small children or something?  
Message-ID: <357C61FD.AF9C9148@netins.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Nils R Young wrote:

> Amigos,  
>  
> Doug has a problem, see? He's like one of the like people from like  
> California? And he is like always getting into like really bizarre  
> conversations? And people like ask him stuff and he has like these  
> buttons?  
>  
>

So, like, now, I'm ROTFLMAO, ya know what I mean.

--  
Mike Martin  
KA0AMA

QRP-L #1506  
IAQRP #5  
ARS #399  
Galesburg, IA  
41 33 32N 92 56 46W  
If at first you don't succeed, try again. Then quit.  
No use being a damn fool about it.

-----  
Date: Mon, 8 Jun 1998 15:27:29 -0700  
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>  
To: "qrp-l" <qrp-l@Lehigh.EDU>  
Subject: [12625] not exactly QRP but.....  
Message-ID: <19980608222319.SIXC15374@default>  
MIME-Version: 1.0  
Content-Type: multipart/alternative; boundary="-----  
=\_NextPart\_000\_01BD92F1.F28AD3C0"  
Content-Transfer-Encoding: 7bit

This is a multi-part message in MIME format.

-----=\_NextPart\_000\_01BD92F1.F28AD3C0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Gang,

A couple of weeks ago I was in SE Asia on business and spent almost 2-days in Hanoi. I had my SW receiver and a handy-talkie (even though I never advertise the fact I'm carrying a real live Amateur rig with me). I scanned 2M a few times and found nothing -- not a single station, Ham or otherwise. On the SWL rcvr, listening on 40M and 20M with only a 24-inch whip antenna, I could hear quite a few JA's, and YB's but precious little else. When I drove around Hanoi I saw nary an antenna that could be construed as Amateur..... I was accompanied by an official representative of the Ministry of Information, but I didn't even ask!

If you are interested in more non-QRP ramblings, you might consider looking over my "notes from Hanoi" which appear on the worldwideweb at the following url:

<http://www.msnbc.com/news/169631.asp>

Best 72/73, de Alan Kaul, W6RCL, LaCanada, CA  
w6rcl@amsat.org

http://home.att.net/~alan.kaul/index.html or

http://home.att.net/~alan.kaul/qrp.html

-----=\_NextPart\_000\_01BD92F1.F28AD3C0

Content-Type: text/html; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

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<html><head></head><BODY bgcolor=3D"#FFFFFF"><p><font size=3D2 =
color=3D"#000000" face=3D"Arial">Gang,<br>&#009;A couple of weeks ago I =
was in SE Asia on business and spent almost 2-days in Hanoi. &nbsp;I had =
my SW receiver and a handy-talkie (even though I never advertise the =
fact I'm carrying a real live Amateur rig with me). &nbsp;I scanned 2M a =
few times and found nothing -- not a single station, Ham or otherwise. =
&nbsp;On the SWL rcvr, listening on 40M and 20M with only a 24-inch whip =
antenna, I could hear quite a few JA's, and YB's but precious little =
else. &nbsp;When I drove around Hanoi I saw nary an antenna that could =
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representative of the Ministry of Information, but I didn't even ask! =
&nbsp;<br><br>&#009;If you are interested in more non-QRP ramblings, you =
might consider looking over my &quot;notes from Hanoi&quot; which appear =
on the worldwideweb at the following url:<br><br>&#009; <font =
color=3D"#800080"><u>http://www.msnbc.com/news/169631.asp</u><font =
color=3D"#000000"><br><br>&#009;Best 72/73, de Alan &nbsp;Kaul, W6RCL, =
LaCanada, CA<br><font color=3D"#0000FF"><u>w6rcl@amsat.org</u><font =
color=3D"#000000"><br><br><font =
color=3D"#0000FF"><u>http://home.att.net/~alan.kaul/index.html</u><font =
color=3D"#000000"> &nbsp;or<br><font =
color=3D"#0000FF"><u>http://home.att.net/~alan.kaul/qrp.html</u><font =
color=3D"#000000"></p>
</font></font></font></font></font></font></font></font></body></h=
tml>
```

-----=\_NextPart\_000\_01BD92F1.F28AD3C0--

-----

Date: Mon, 8 Jun 1998 17:41:56 -0400

From: cy r currier <crc3@telplus.net>

To: "'Low Power Amateur Radio Discussion'" <qrpl@Lehigh.EDU>, "'mikemo@ibm.net'"  
<mikemo@ibm.net>

Subject: [12626] RE: Antenna Launcher Story....

Message-ID: <01BD930B.0980C800@bgr71.lobster.net>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

-----

From: Michael Maiorana  
Sent: Monday, June 08, 1998 1:34 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Antenna Launcher Story....

AA2Q0@aol.com wrote:

> Lessons learned:

One other thing to note. Mono line gets stiff when it is cold. Case and point. I'm on "vacation" in NY during Christmas last year. My inlaws live upstate in the woods with "real trees", not like those wimpy Florida trees where I'm from. I'm up for 3 weeks so I gotta bring the MFJ and get a dipole up in those majestic trees. So picture this, Florida boy, 11 degrees F, everything covered in snow, with my wrist rocket/zebco in tow. Find that first tree and ZING, up at least 50 feet. Man I'm excited. So I put the reel in the snow and begin to pull over my rope. 30 minutes pass. Now I'm ready for the other side. No matter what I did I could not get that line to feed out of the reel. Ended up throwing it over a tree branch at about 10 feet and ended up with a pretty good sloper. I didn't realize until much later that the mono line was getting as stiff as my fingers ;-)

When I got back in the house I got a lot of empty stares from the inlaws.... Wonder what they were thinking.....

--

72 de ku4qo  
Mike Maiorana  
Palm Harbor, FL

"Have a great day, and enjoy whatever liberty you have remaining!"

this brings back memories. i usually put up antennas in below zero wx. mother haas this joke- u can't put up an antenna today, dear. it's above freezing. hi hi  
use 30 to 50 # braided nylon (the vold fashioned black stuff) or dacron. this is strong , light, and no stretch.  
good luck.

doing nothing is the most tiresome job in the world because u can't stop to rest.

cy-kites            crc3@telplus.net

-----  
Date: Mon, 08 Jun 1998 15:55:37 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: alan.kaul@worldnet.att.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [12627] Re: not exactly QRP but.....  
Message-ID: <357C0979.96F0FD87@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Interesting little story, Alan. Let me retype the URL so it's  
clickable: <http://www.msnbc.com/news/169631.asp>

Spent a couple of years in the SVN delta, at one time working for one of  
the "alphabet" agencies....we had Collins gear in our compound to  
communicate with IV Corps HQ and others. Vertical antennas on the roof.  
We were never able to get permission to try to talk Stateside.

Now, were I able to go back as a Ham, I don't think I'd hesitate to ask.  
All they could do is say "No", but I'll bet things could be worked out.  
That would be a real kick.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ  
"The problem with doing nothing is not knowing when you're finished"  
(Nelson DeMille)

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Date: Mon, 8 Jun 1998 16:51:32 -0600 (MDT)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: qrp-l@Lehigh.EDU  
Cc: GQRP-L List <gqrp-l@blacksheep.org>  
Subject: [12628] Solar Summary: May 98  
Message-ID: <Pine.SOL.3.91.980608164816.21193A-1000000@zia>  
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SOLAR ACTIVITY QUICK-LOOK \*\*\* Updated: 8 JUNE 1998

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----- SOLAR ACTIVITY -----          ----- GEOMAGNETIC FIELD ACTIVITY -----
10cm flux average: 117                      A-Index: 18
3-5 day forecast: 116-117                3-5 day forecast: 12-8
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May started out with a bang, with two x-class flares and numerous m-class, causing major geomagnetic storms from May 2-5, with the A-index hitting 96 on the 4th ... the highest value in years. The remainder of May was quiet and uneventful with the solar flux below 100 from the 19th to the 31st.

JUNE has also been uneventful so far, except the solar flux is again rising as the 28-day solar period is becoming firmly established. Look for the flux to peak around 120 over the next few days, then drop again ... unless some fairly large solar disturbances occur. There are numerous sunspot groups on the sun, but none with any strong magnetic complexity to suggest an area of disturbance at this time.

Right now (June 8) flux is 117 and rising, A-index is 18 and dropping, for fairly good conditions on 30M and above. 40M is not affected by the solar flux, so it's the same old reliable 40M, unless a major geomagnetic storm occurs.

#### SOLAR

| FLUX  | DEC 97          | JAN 98   | FEB 98          | MAR 98   | APR 98                | MAY 98  | JUN 98 |
|-------|-----------------|----------|-----------------|----------|-----------------------|---------|--------|
| 160   |                 |          |                 |          |                       |         |        |
| 150   |                 |          |                 |          |                       |         |        |
| 140   |                 |          |                 |          | *                     |         |        |
| 130   |                 |          |                 |          | ***                   | *       |        |
| 120   | *               |          |                 | * *      | ***                   | *       |        |
| 110   | **              | *        |                 | *****    | ****                  | *** *   | *      |
| 100   | **              | *        | **              | *****    | *****                 | *****   | **     |
| 90    | *****           | ** * *** | *****           | ** ***** | *****                 | *****   | *****  |
| 80    | *****           | *****    | *****           | *****    | *****                 | *****   | *****  |
| Flare | E               | E        | M               | M        | M                     | X X MXX |        |
| Class |                 |          |                 | E        |                       |         | E EE   |
|       | M=M-class flare |          | X=X-class flare |          | E=CME (Mass Ejection) |         |        |

|     | GEOMAGNETIC  | FEB 98 | MAR 98 | APR 98 | MAY 98 | JUN 98 |
|-----|--------------|--------|--------|--------|--------|--------|
|     | A-INDEX      |        |        |        |        |        |
|     | =====        |        |        |        |        |        |
| 100 | SEVERE Storm |        |        |        | *      |        |
|     |              |        |        | Due to | *      |        |

|     |                   |        |             |           |            |        |
|-----|-------------------|--------|-------------|-----------|------------|--------|
| 75- |                   |        |             | Coronal   | *          |        |
|     |                   |        |             | Hole :    | *          |        |
| 50- | -----MAJOR Storm- | -----  | -----       | -----:    | -*         | -----  |
| 40- |                   |        |             | :         | *          |        |
|     |                   |        |             | *         | **         |        |
| 30- | -----Minor Storm- | -----  | -----       | -----*    | -**        | -----* |
|     |                   | *      | *           | **        | **         | *      |
| 15- | .....Active       | .....* | ....*...*   | .....*.** | .***.*...* |        |
|     | Quiet/Unsettled   | * **   | ** ** ***** | * * **    | ***** **   |        |
| 0-  | -----             | *****  | *****       | *****     | *****      | -----  |

Quasi-LOG scale

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 QRPTTF

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 Field Day  
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72, Paul Harden, NA5N

National Radio Astronomy Observatory  
 VLA/VLBA Radio Telescopes  
 Socorro, NM, USA, Earth

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End of QRP-L Digest 1116

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